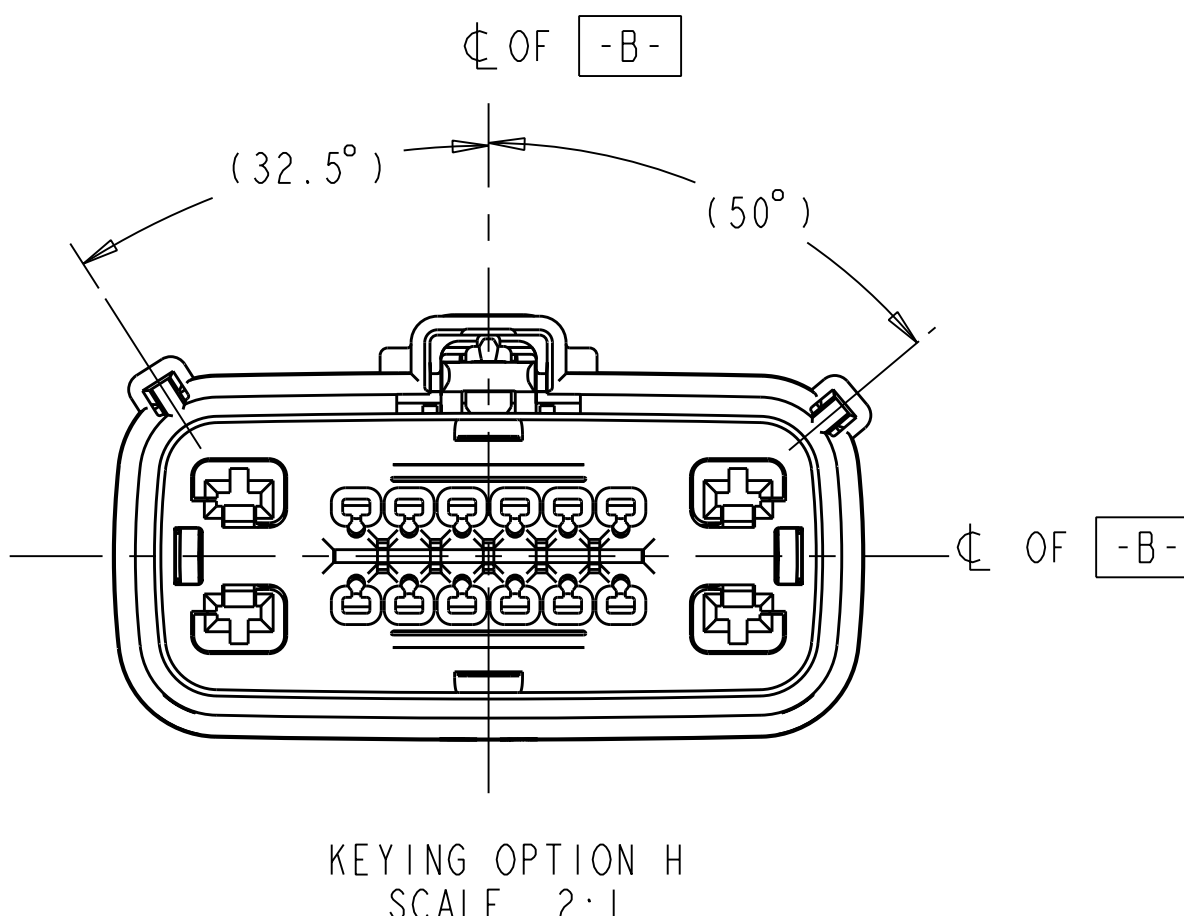
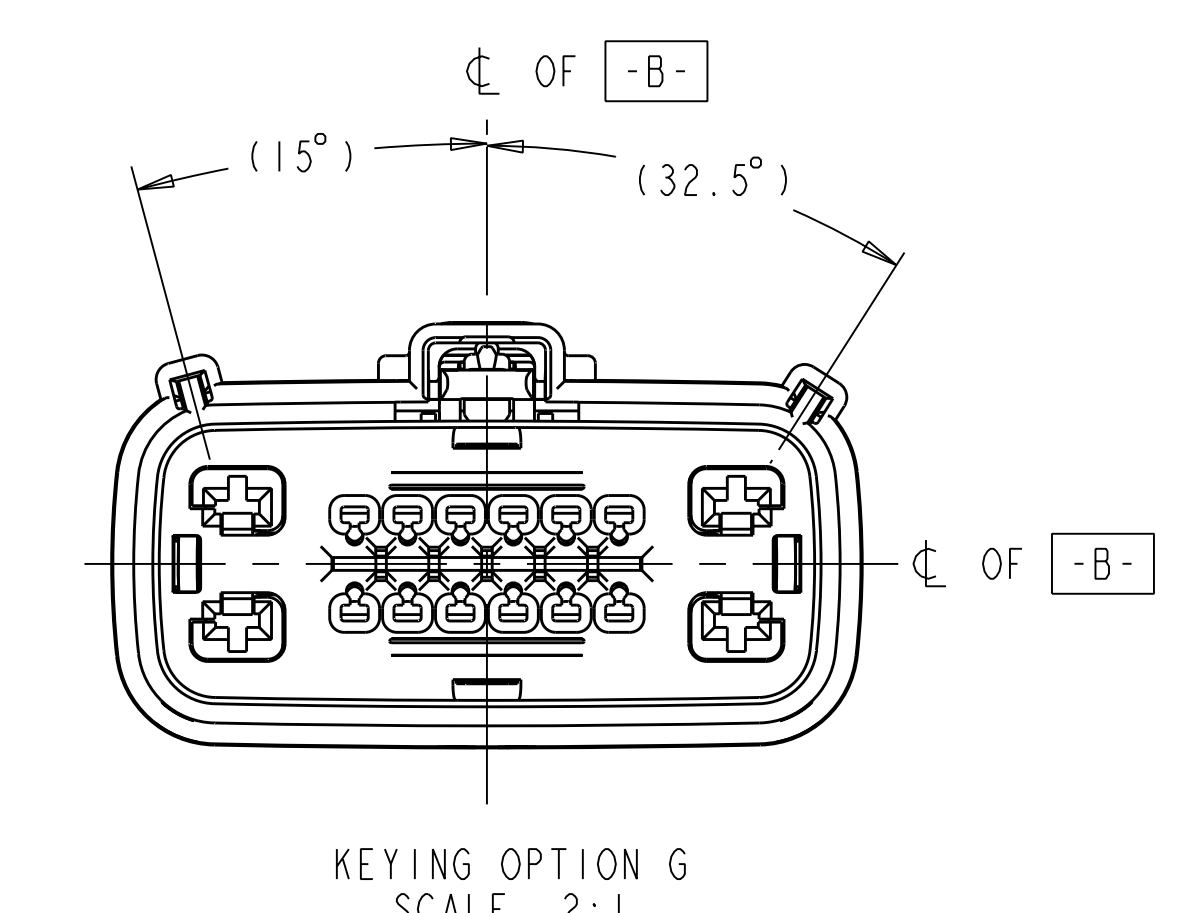
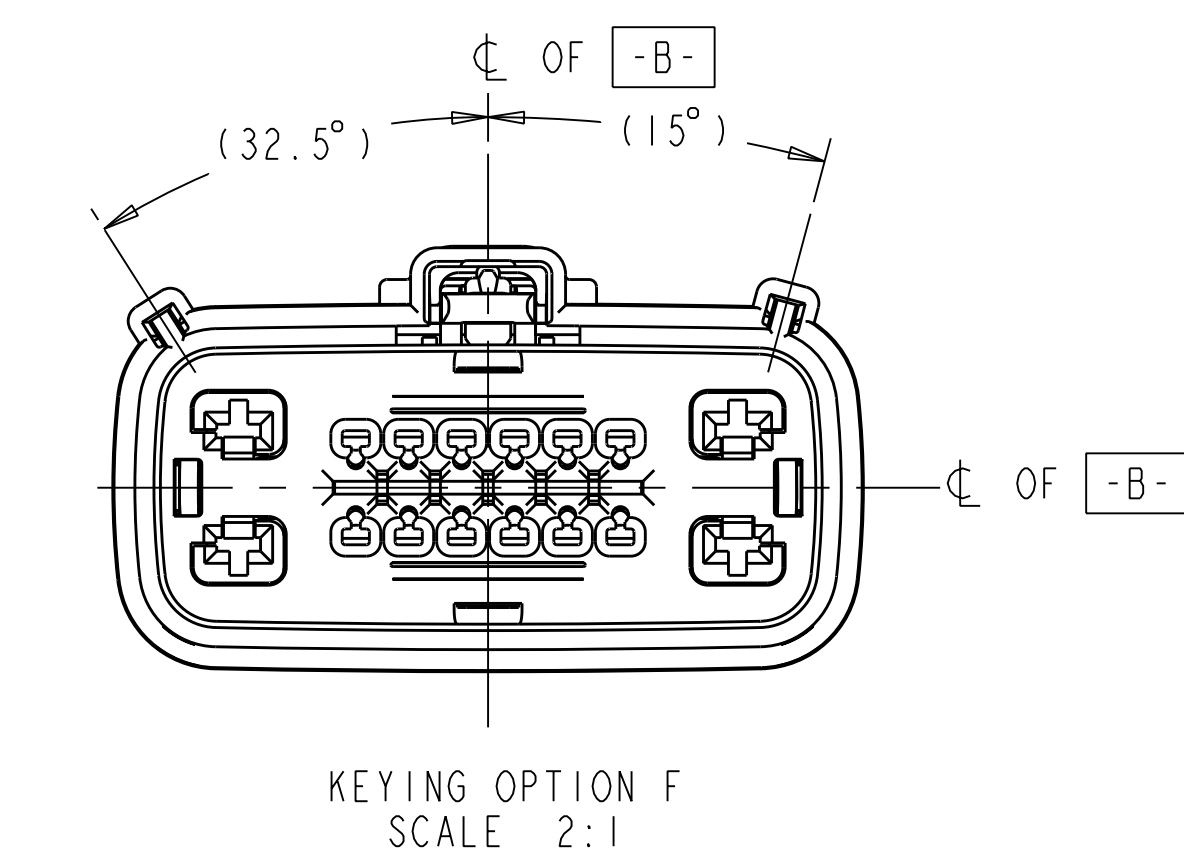
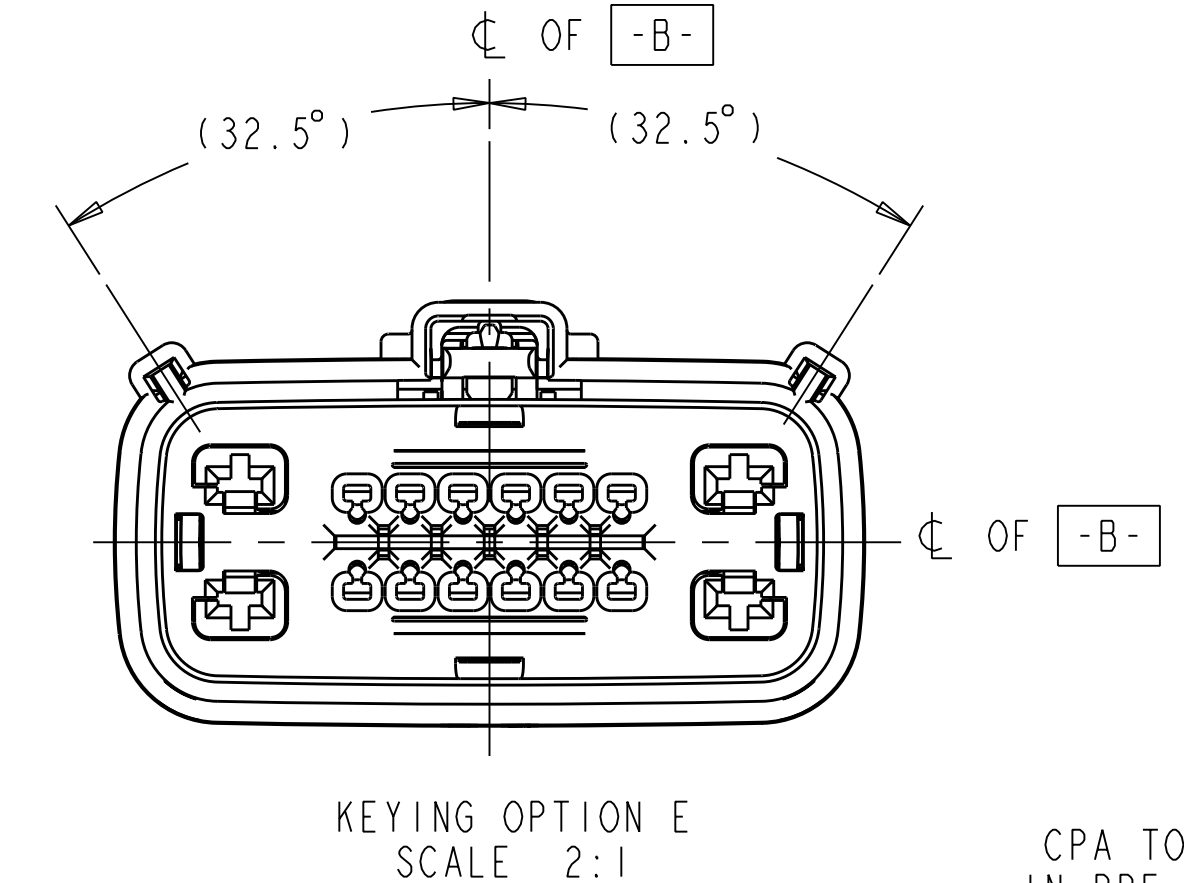
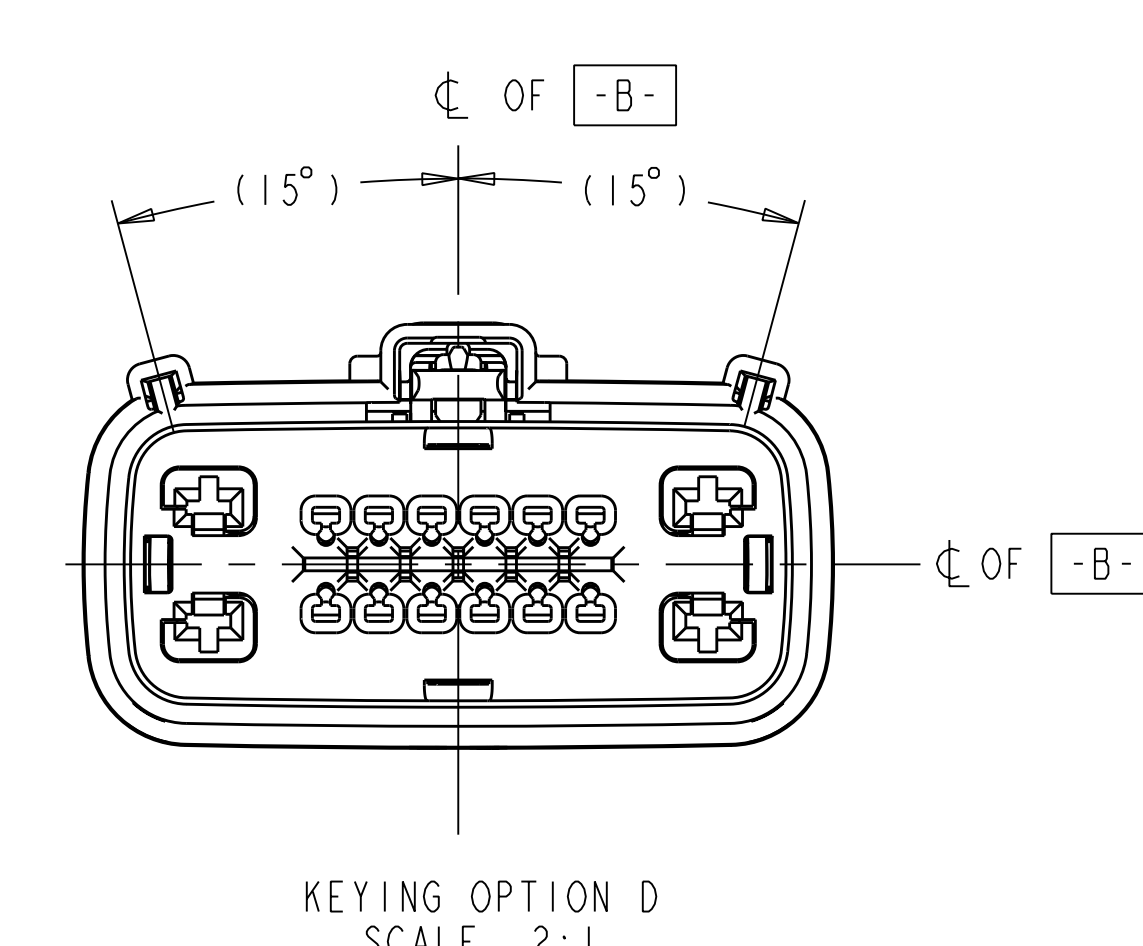
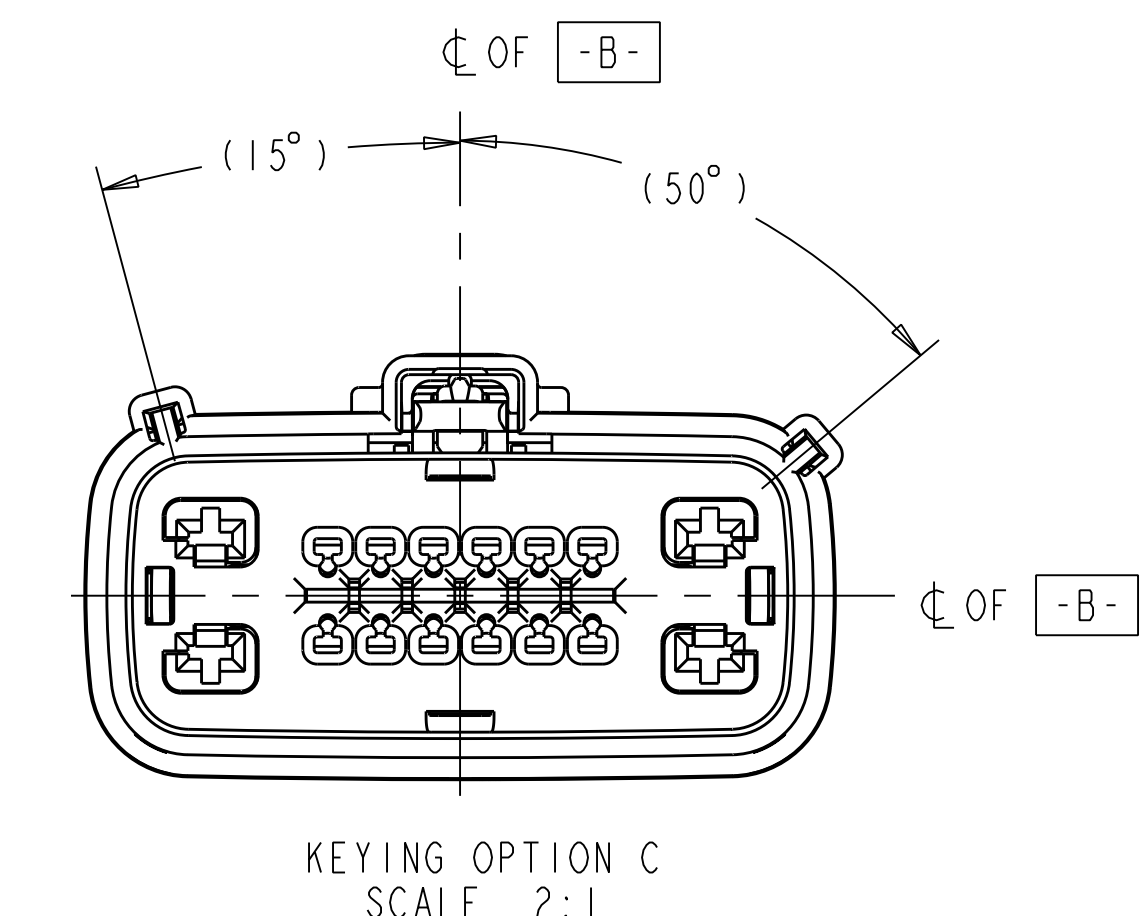
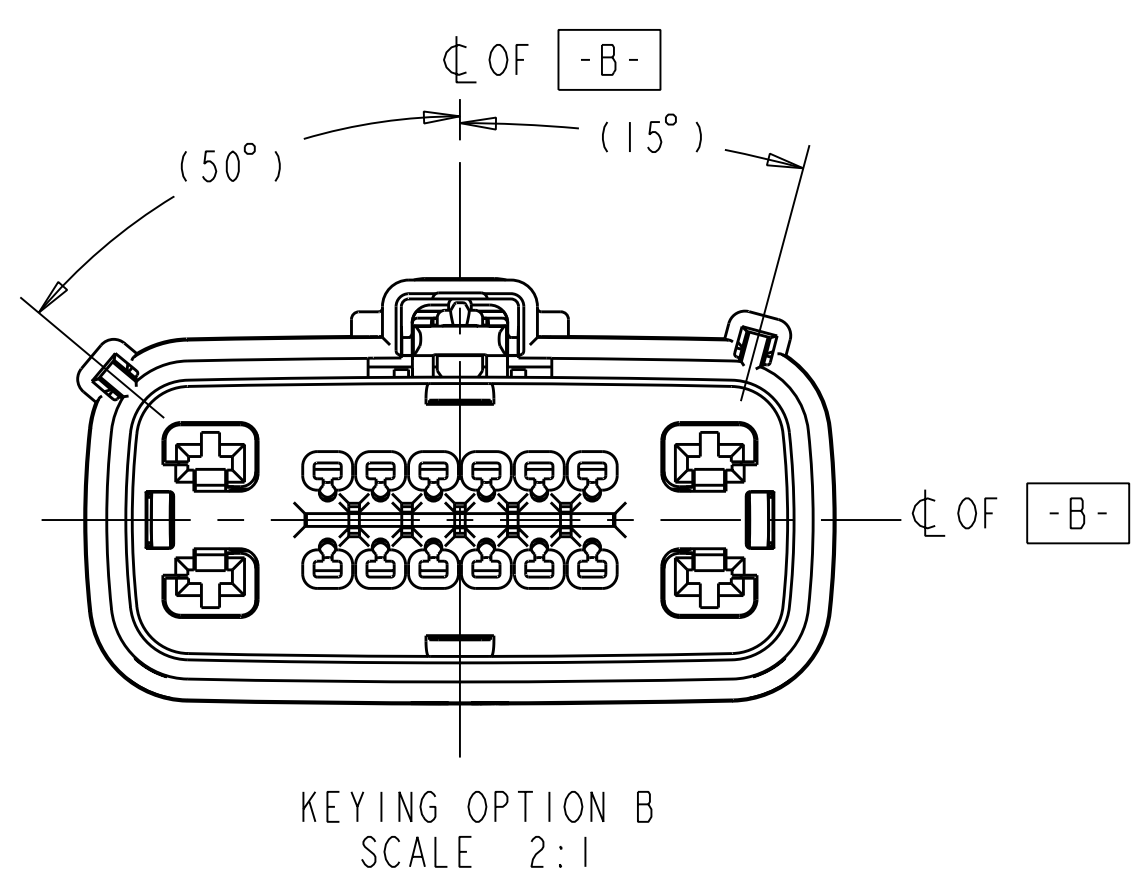
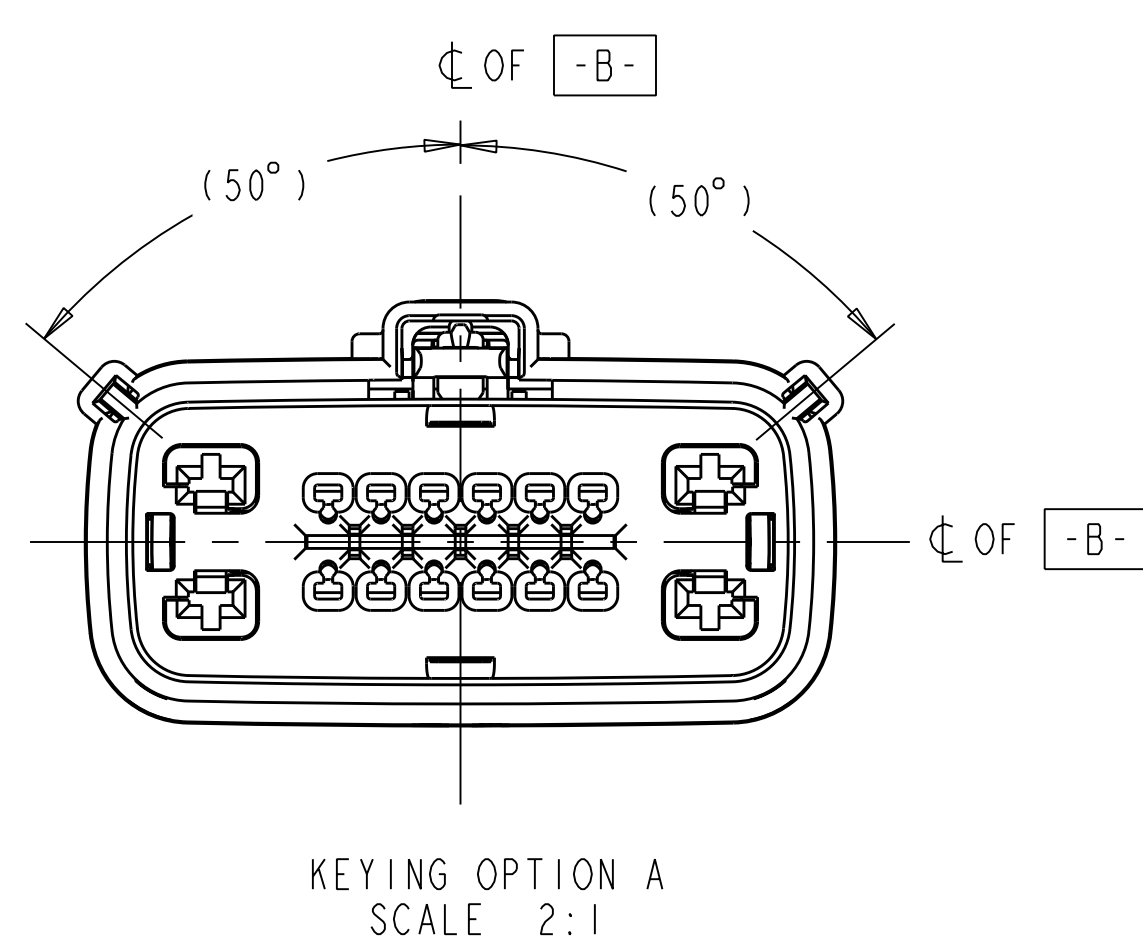




CPA TO BE INSTALLED
IN PRE-LOCK POSITION
AS SHOWN IN BOTH VIEWS.
SEE NOTE #5

CPA TO BE INSTALLED
IN PRE-LOCK POSITION
AS SHOWN IN BOTH VIEWS.
SEE NOTE #5

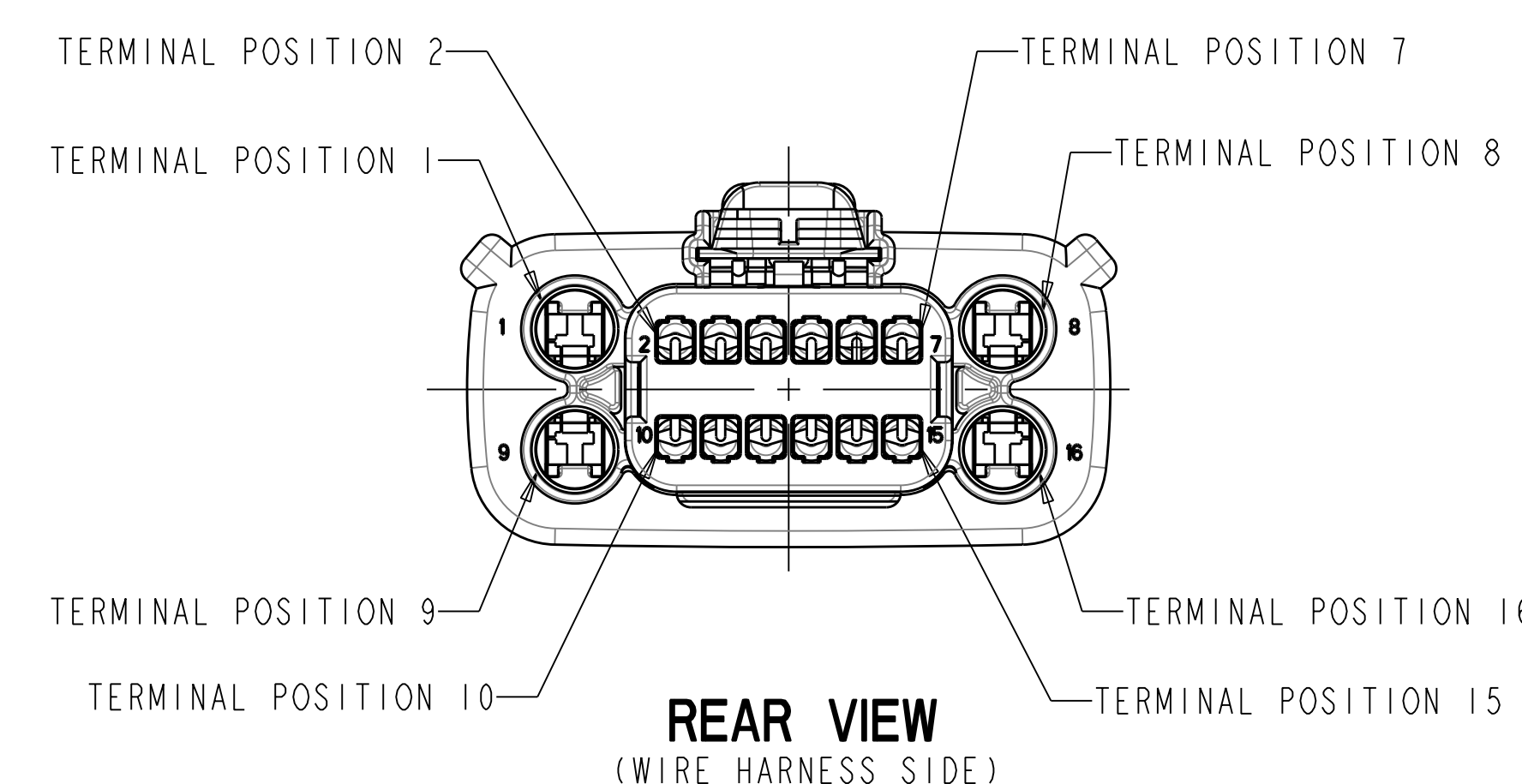
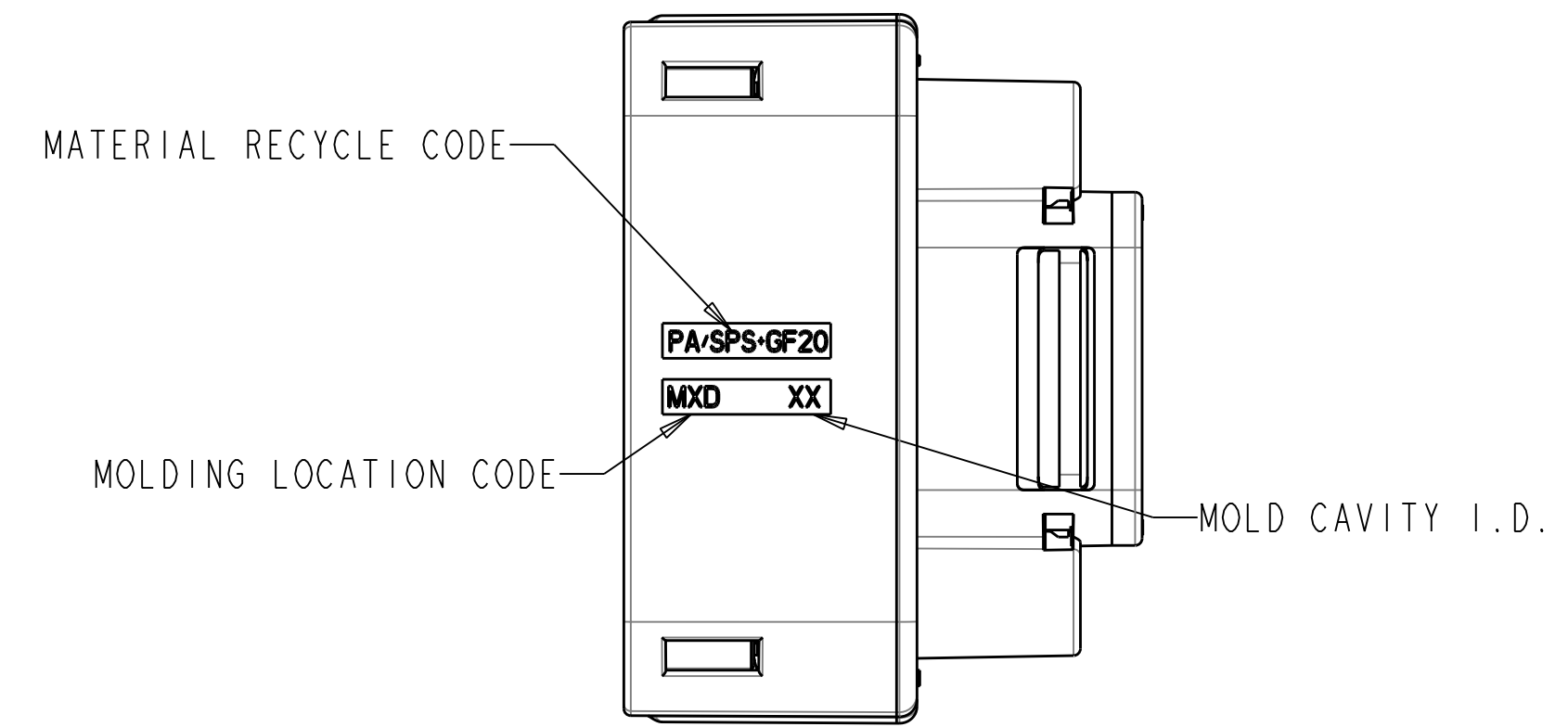
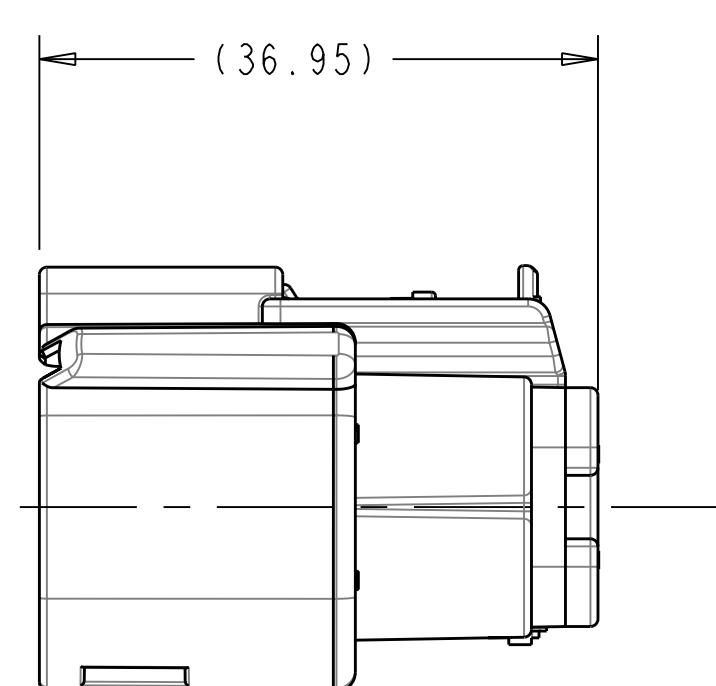
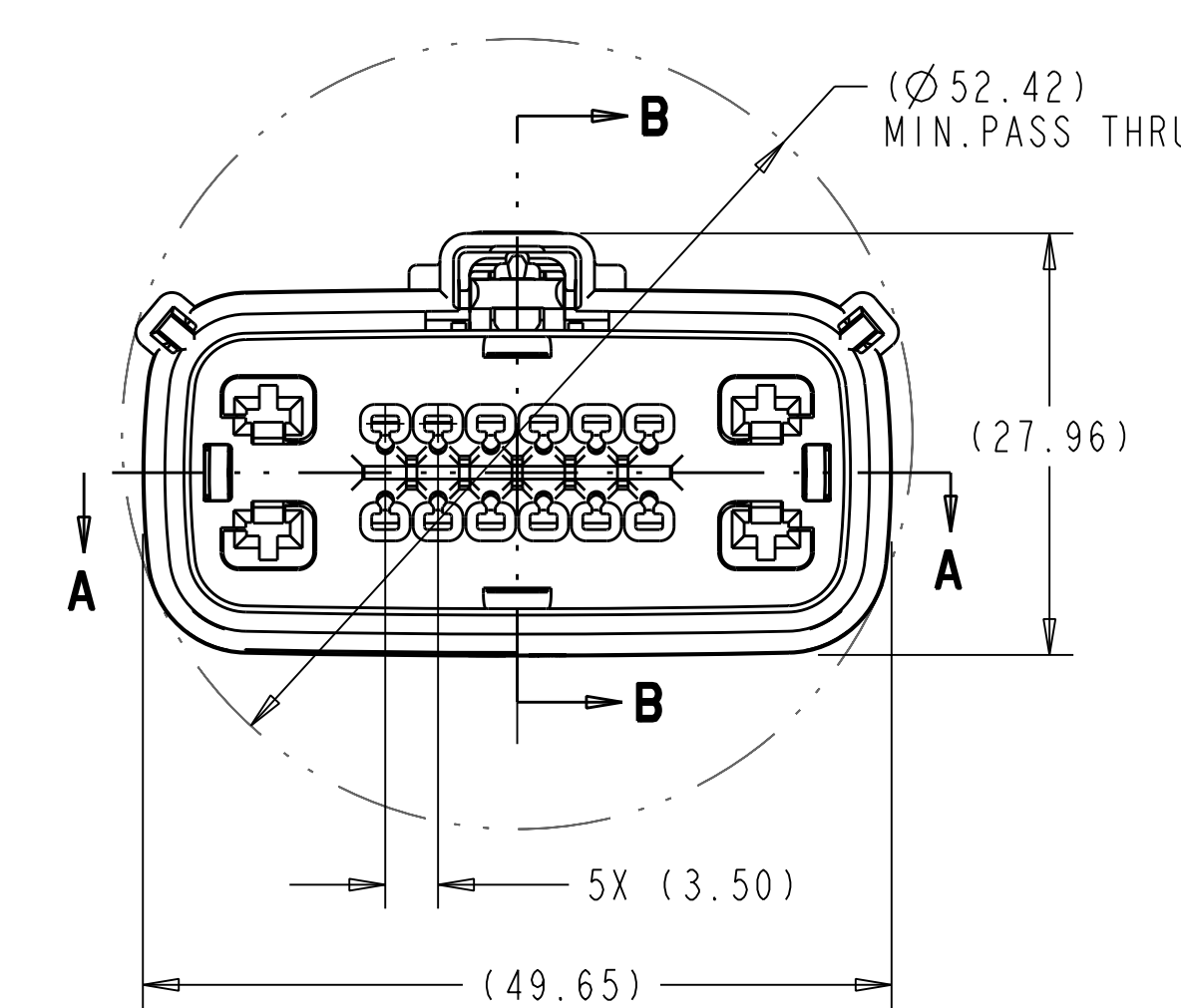
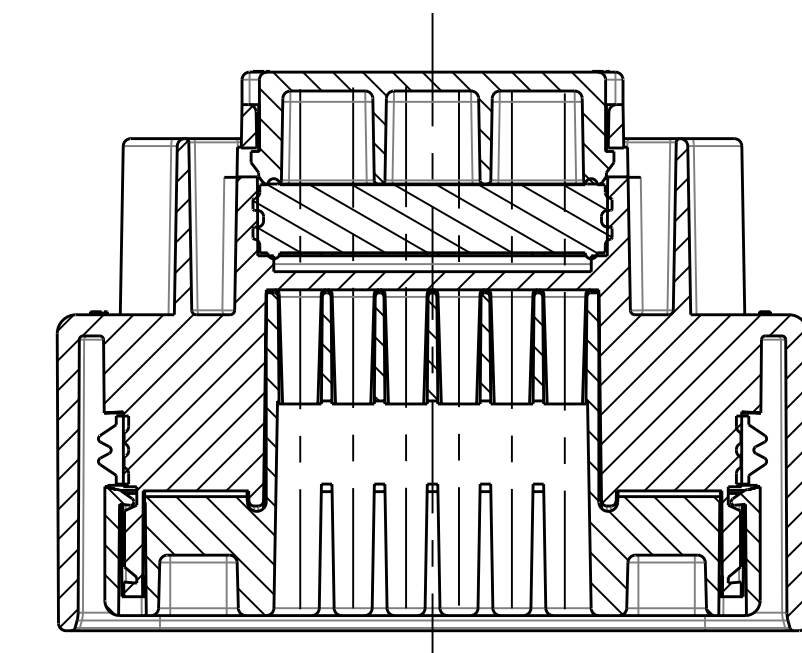
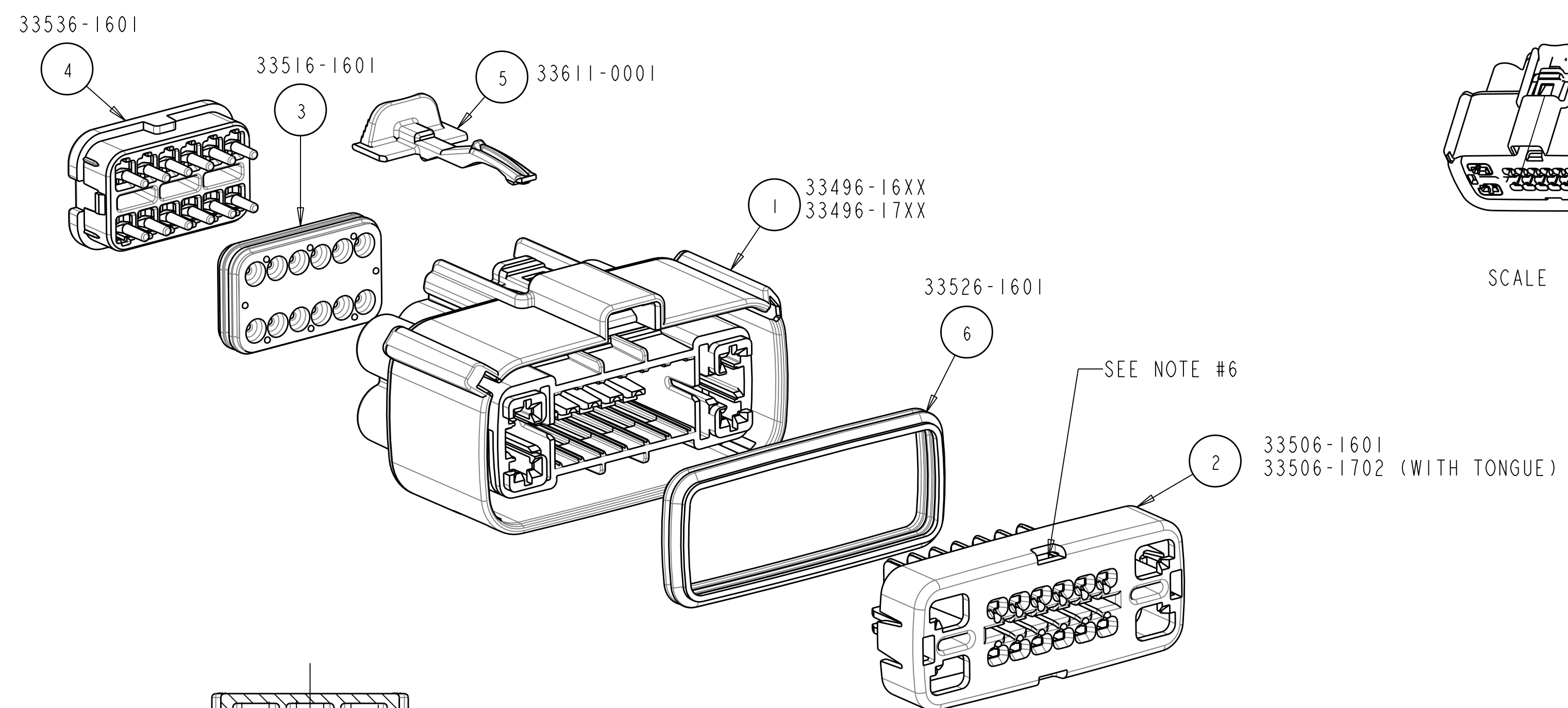
SECTION B-B
(RECEPTACLE INSERT WITH SHORTING BAR
SHOWN IN PRE-LOCK)
SEE NOTE #2

SECTION B-B
(RECEPTACLE INSERT WITH SHORTING BAR
SHOWN IN FULL-LOCK)
SEE NOTE #2

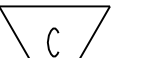
SECTION B-B
(RECEPTACLE INSERT SHOWN IN
PRE-LOCK POSITION)
SEE NOTE #2

SECTION B-B
(RECEPTACLE INSERT SHOWN IN
FULL-LOCK POSITION)
SEE NOTE #2

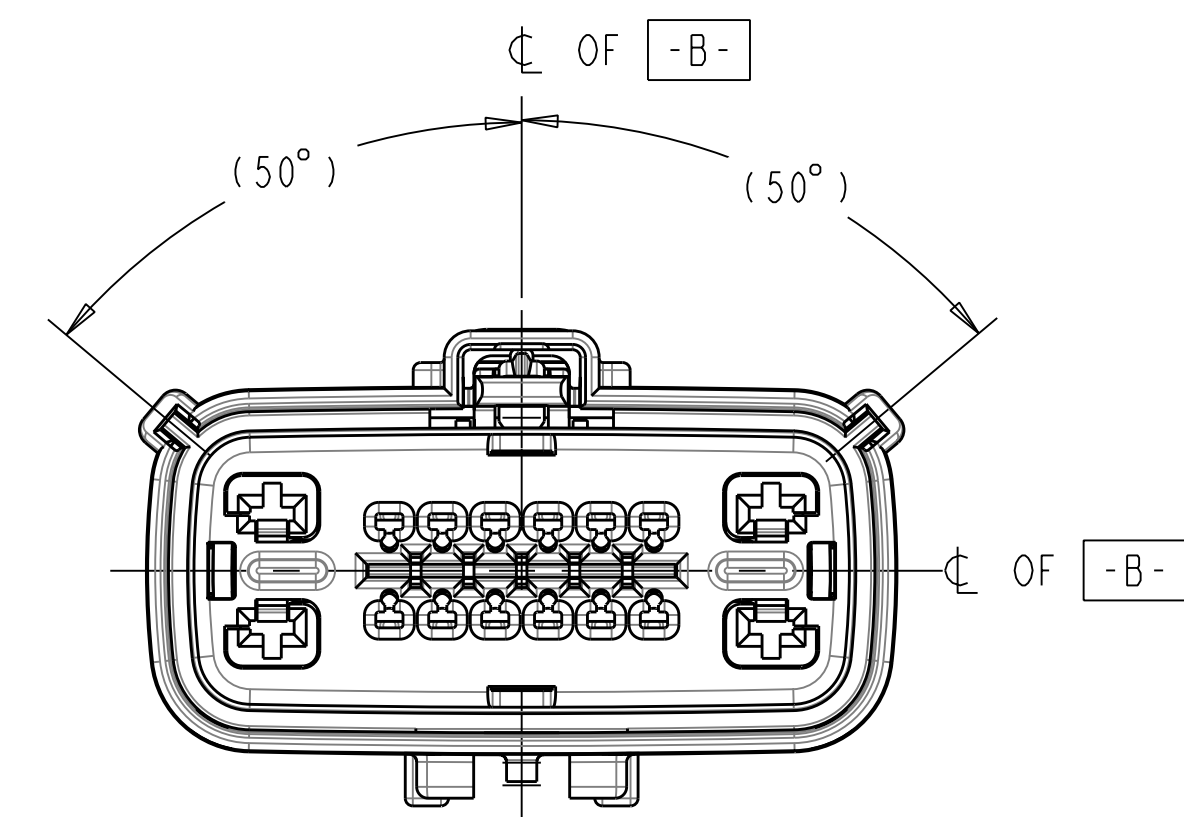
TYCO 28mm CABLE SEAL TERMINAL	
FORD P/N FEMALE RECEPTACLE	GRIP SIZE
IFIT-14474-KA	12
IFIT-14474-JA	14
IFIT-14474-HA	16
IFIT-14474-GA	18
IFIT-14474-FA	20
IFIT-14474-EA	22



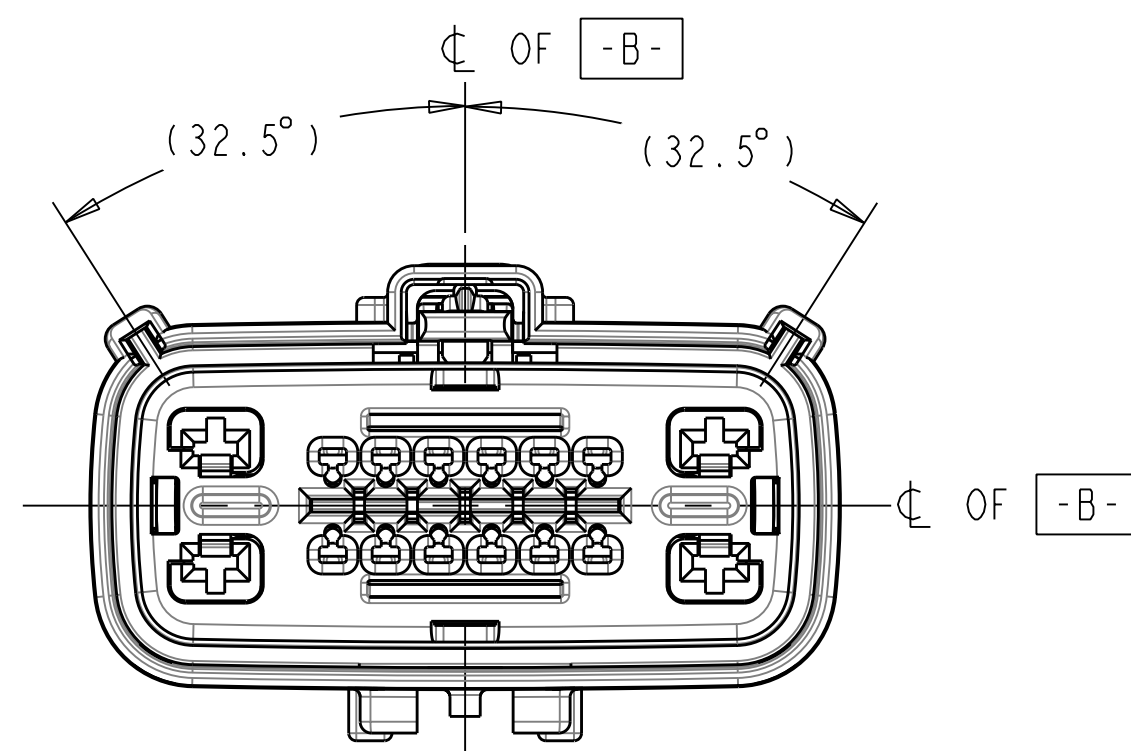
- NOTES: UNLESS OTHERWISE SPECIFIED
- DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN CHARTED DRAWING E-33486-161 OR DEVICE CONNECTION AS SPECIFIED IN DRAWING E-33586-161. SEE CHART
 - ASSEMBLY SHIPPED WITH RECEPTACLE INSERT IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH RECEPTACLE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
 - FOR 1.5mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE MOLEX DRAWING E-33012-001. FOR FORD 2.8mm FEMALE RECEPTACLE SEE CHART.
 - SYSTEM TO BE USED WITH WIRE WITHIN Ø RANGE OF 1.2mm TO 2.4mm.
 - OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLES FOR SPECIFIC ASSEMBLY OPTION AND NUMBER. CPA MUST BE INSERTED TO THE PRE-LOCK POSITION, AS SHOWN IN SECTION B-B. WHEN CORRECTLY SEATED THE CPA DOES NOT MOVE, FREELY.
 - SERVICE WITH SCREWDRIVER.
 - REFER TO SHEET # 2 OF THIS DRAWING FOR ALL PART NUMBER CONFIGURATION OPTIONS.
 - REFER TO ASSEMBLY DRAWING E-33476-181 FOR RECEPTACLE WITH CLIP SLOT OPTIONS.
 - a. ENGAGEMENT FORCE - NO TERMINALS (PRE TO FINAL): 15N MIN.
b. ENGAGEMENT FORCE - WITH TERMINALS (PRE TO FINAL): 60N MAX.
c. DISENGAGEMENT FORCE - WITH TERMINALS (FINAL TO PRE): 18N MIN. 60N MAX.
d. PARTIALLY INSTALLED TERMINAL DETECTION - 80N MIN OR 40N GREATER THAN (b) WHICHEVER IS GREATER.
e. REMOVAL FORCE - WITH TERMINALS (FINAL TO OUT OF CONNECTOR): 25N MIN.

EC NO: UAU2005-0053 DRWN: D.GRIFFITHS 08-11-04 CHK: D.GRIFFITHS 08-11-04 APPR: D.GRIFFITHS 08-11-04	DESCRIPTION		=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS mm	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY					
					=0	mm	INCH	DIMENSION STYLE mm		TITLE				
						4 PLACES	± --	± --	DRAWN BY DATE		1.5mm/2.8mm HYBRID CONNECTOR, RCPT 2 ROW HOUSING, SEALED, 16 WAY			
						3 PLACES	± --	± --						
						2 PLACES	± 0.10	± --	J. WESLEY 06-16-02		MOLEX INCORPORATED			
						1 PLACE	± 0.3	± --	CHECKED BY DATE					
ANGULAR		± 3°	D.GRIFFITHS 07-09-02		MATERIAL NO.		DOCUMENT NO.	SHEET NO.						
				APPROVED BY DATE		-		SD-33476-161	1 OF 2					
N	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											E	

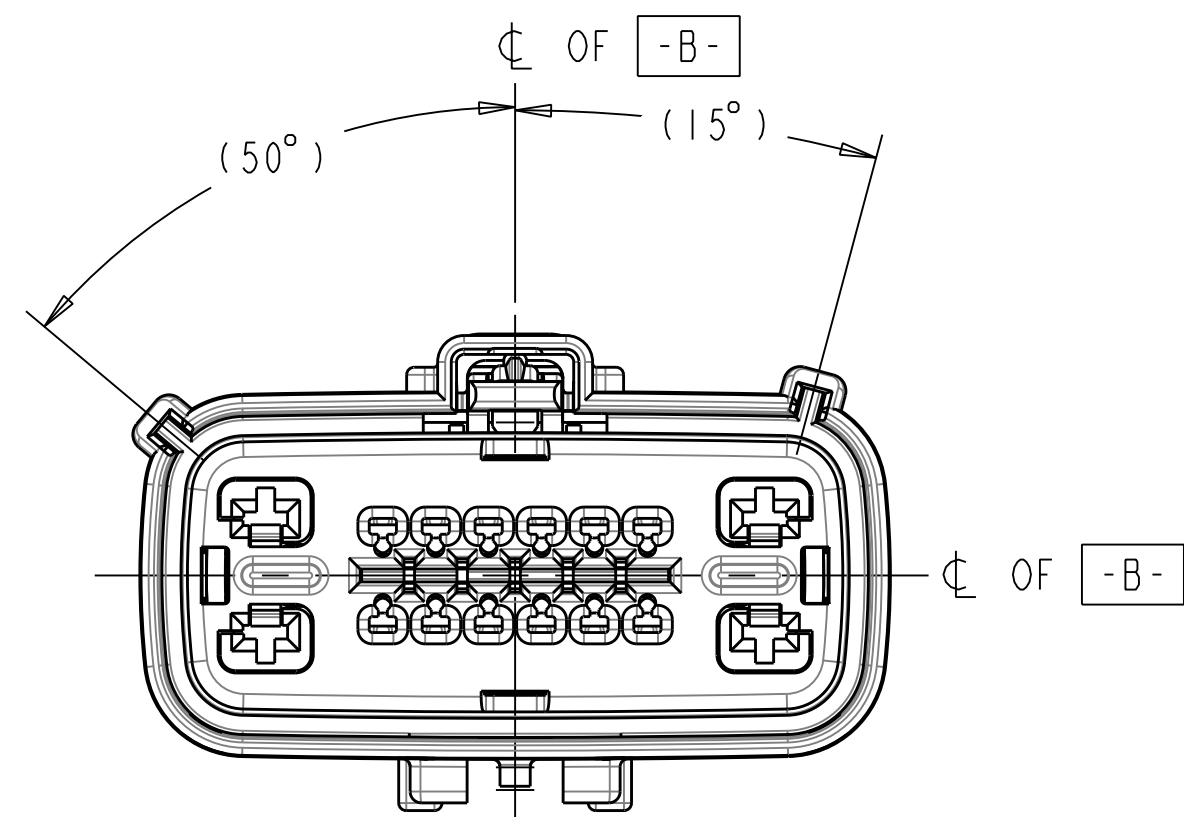
		24	23	22	21	20	19	18	17	16	15	14	13	12	11	10		8	7	6	33476	4	3	2	1	
	ASSEMBLY PART NUMBER	HOUSING PART NUMBER	COLOR	KEYING OPTION	MAT SEAL CAP	CAVITY TYPE & STATUS (X = PLUGGED)										CPA		INTERFACE SEAL	MAT SEAL	INSERT/TPA	MATES WITH SEE NOTE #1					
						2	3	4	5	6	7	10	11	12	13	14	15									
T	33476-1601	33496-1601	BLACK	A	33536-1601													-	33526-1601	33516-1601	33506-1601					
	33476-1602	33496-1602	LT. GRAY	B	33536-1601													-	33526-1601	33516-1601	33506-1601					
	33476-1603	33496-1603	BROWN	C	33536-1601													-	33526-1601	33516-1601	33506-1601					
	33476-1604	33496-1604	GREEN	D	33536-1601													-	33526-1601	33516-1601	33506-1601					
	33476-1605	33496-1605	CUSTOM	TBD	33536-1601													-	33526-1601	33516-1601	33506-1601					
S	33476-1606	33496-1601	BLACK	A	33536-1601													33611-0001	33526-1601	33516-1601	33506-1601					
	33476-1607	33496-1602	LT. GRAY	B	33536-1601													33611-0001	33526-1601	33516-1601	33506-1601					
	33476-1608	33496-1603	BROWN	C	33536-1601													33611-0001	33526-1601	33516-1601	33506-1601					
	33476-1609	33496-1604	GREEN	D	33536-1601													33611-0001	33526-1601	33516-1601	33506-1601					
	33476-1610	33496-1605	CUSTOM	TBD	33536-1601													33611-0001	33526-1601	33516-1601	33506-1601					
R	33476-1611	33496-1601	BLACK	A	33536-1601	X												-	33526-1601	33516-1601	33506-1601					
	33476-1612	33496-1602	LT. GRAY	B	33536-1601	X												-	33526-1601	33516-1601	33506-1601					
	33476-1613	33496-1603	BROWN	C	33536-1601	X												-	33526-1601	33516-1601	33506-1601					
	33476-1614	33496-1604	GREEN	D	33536-1601	X												-	33526-1601	33516-1601	33506-1601					
	33476-1615	33496-1605	CUSTOM	TBD	33536-1601	X												-	33526-1601	33516-1601	33506-1601					
O	33476-1616	33496-1601	BLACK	A	33536-1601	X												33611-0001	33526-1601	33516-1601	33506-1601					
	33476-1617	33496-1602	LT. GRAY	B	33536-1601	X												33611-0001	33526-1601	33516-1601	33506-1601					
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	33476-1622	33496-1602	LT. GRAY	B	33536-1601	X										X		-	33526-1601	33516-1601	33506-1601					
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	33476-1624	33496-1604	GREEN	D	33536-1601	X										X		-	33526-1601	33516-1601	33506-1601					
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	33476-1626	33496-1601	BLACK	A	33536-1601	X										X		33611-0001	33526-1601	33516-1601	33506-1601					
O	33476-1627	33496-1602	LT. GRAY	B	33536-1601	X										X		33611-0001	33526-1601	33516-1601	33506-1601					
	33476-1628	33496-1603	BROWN	C	33536-1601	X										X		33611-0001	33526-1601	33516-1601	33506-1601					
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	33476-1630	33496-1605	CUSTOM	TBD	33536-1601	X										X		33611-0001	33526-1601	33516-1601	33506-1601					
	33476-1641	33496-1601	BLACK	A	33536-1601	X	X	X	X	X	X	X	X	X	X	X	X	-	33526-1601	33516-1601	33506-1601					
N	33476-1651	33496-1601	BLACK	A	33536-1601	X	X			X								-	33526-1601	33516-1601	33506-1601					
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	33476-1706	33496-1704	YELLOW	H	33536-1601									X	X			33611-0001	33526-1601	33516-1601	33506-1702	33486-1706				
	33476-1707	33496-1704	YELLOW	H	33536-1601	X								X	X		X	33611-0001	33526-1601	33516-1601	33506-1702	33486-1707				
	33476-1708	33496-1704	YELLOW	H	33536-1601	X										X		33611-0001	33526-1601	33516-1601	33506-1702	33486-1708				
L	33476-1709	33496-1704	YELLOW	H	33536-1601		X			X	X	X	X	X	X	X	X	33611-0001	33526-1601	33516-1601	33506-1702	33486-1709				
	33476-1710	33496-1704	YELLOW	H	33536-1601		X			X	X	X	X		X			33611-0001	33526-1601	33516-1601	33506-1702	33486-1710				
	33476-1711	33496-1704	YELLOW	H	33536-1601													33611-0001	33526-1601	33516-1601	33506-1702	33486-1710				
	33476-1712	33496-1704	YELLOW	H	33536-1601	X	X			X	X	X	X		X	X	X	33611-0001	33526-1601	33516-1601	33506-1702	33486-1712				
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K	33476-1821	33496-1601	BLACK	A	33536-1601					X	X			X				-	33526-1601	33516-1601	33506-1601					
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J	33476-1845	33496-1601	BLACK	A	33536-1601	X						X		X	X	X	X	-	33526-1601	33516-1601	33506-1601					
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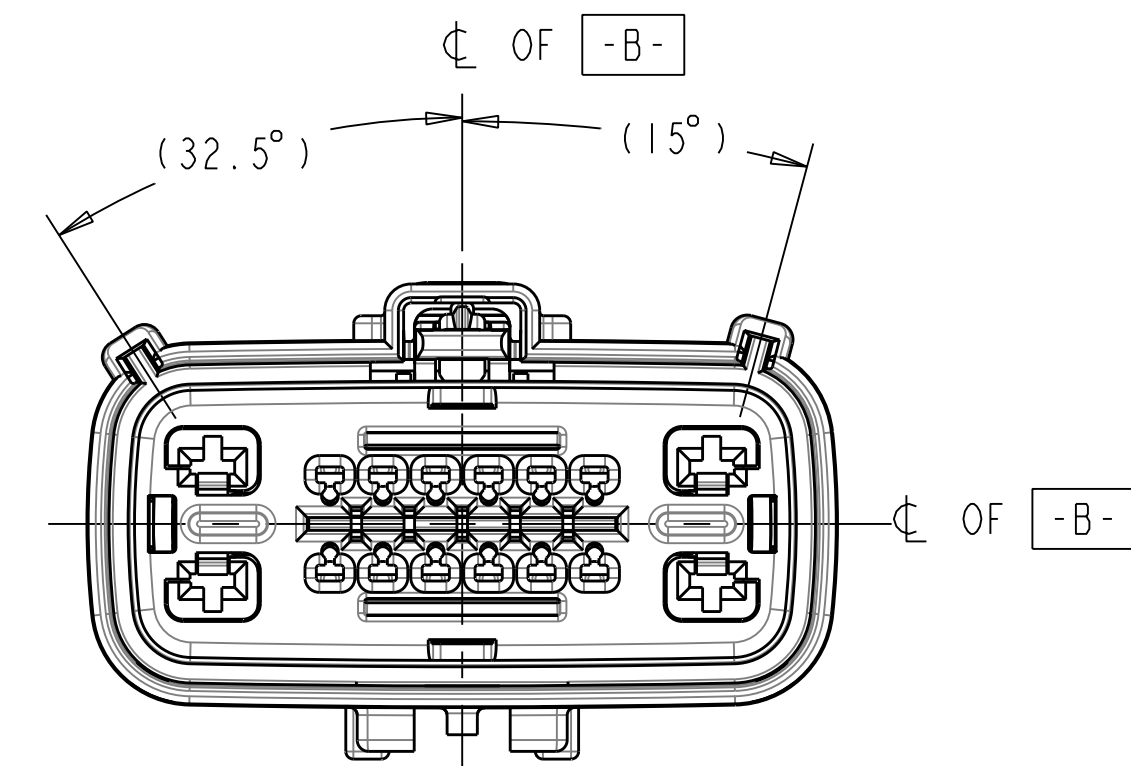
KEYING OPTION A
SCALE 2:1



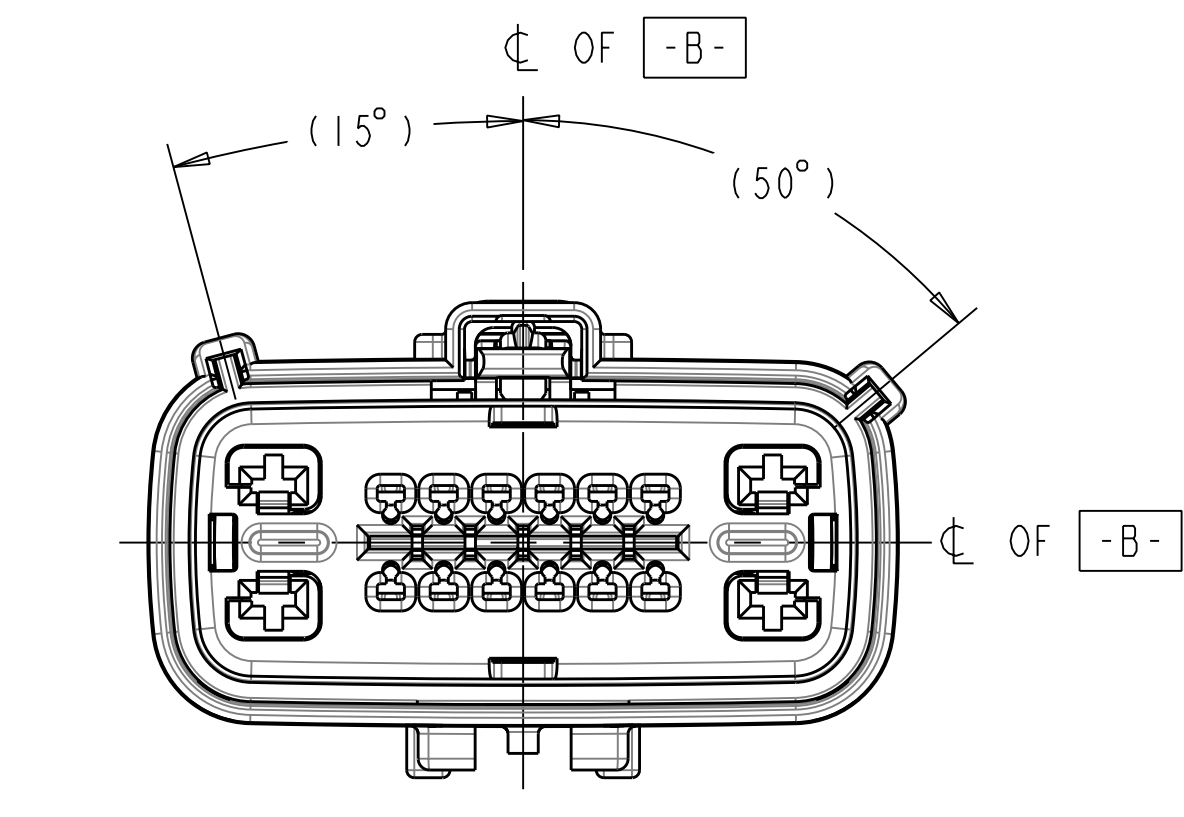
KEYING OPTION E
SCALE 2:1



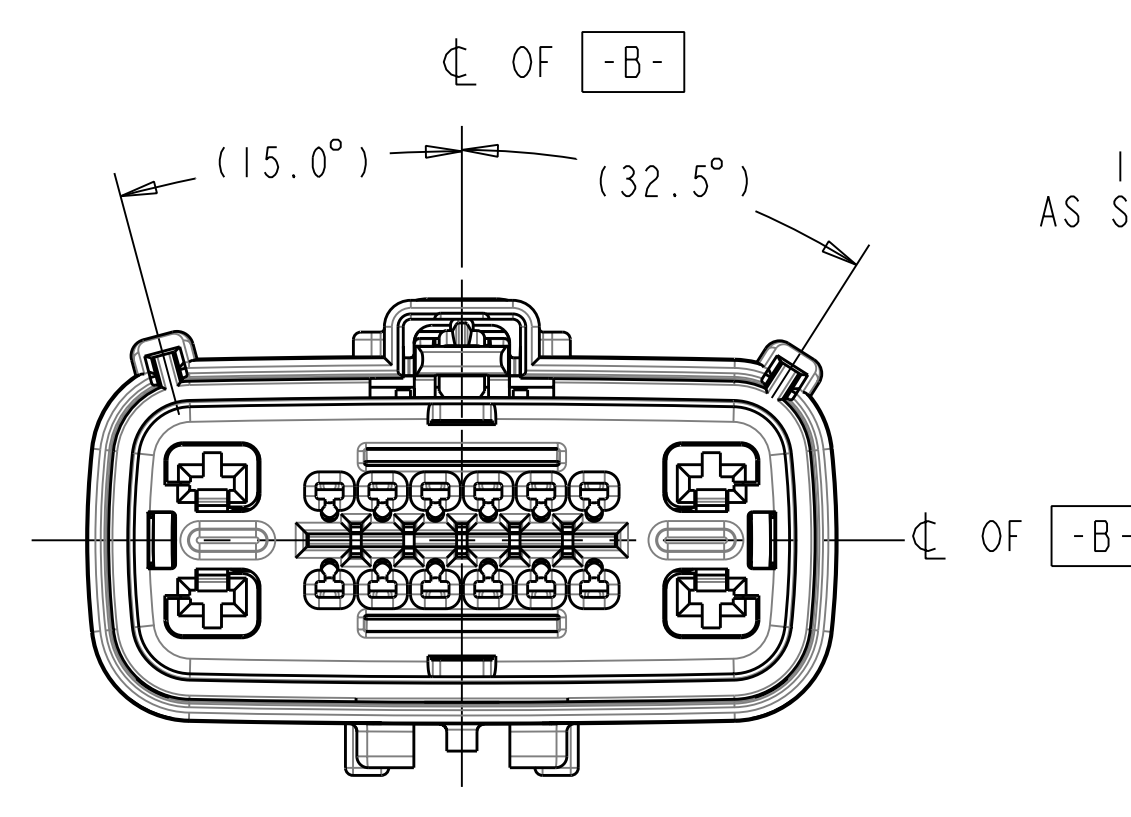
KEYING OPTION B
SCALE 2:1



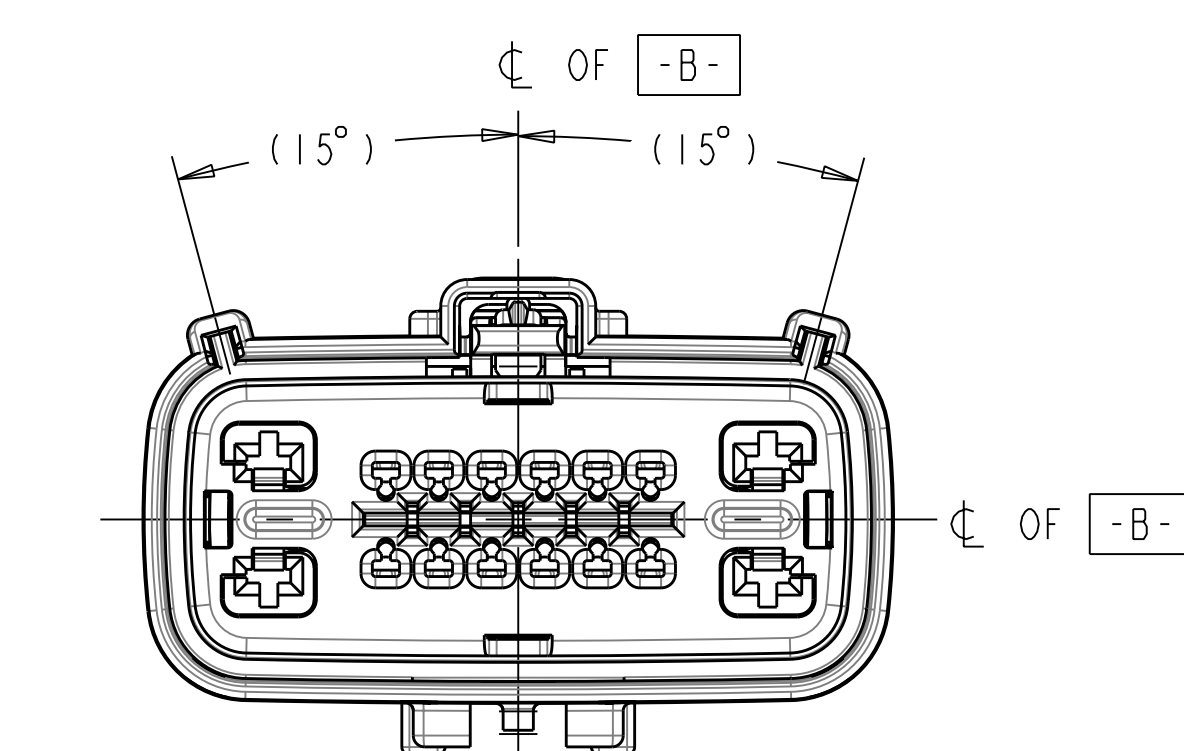
KEYING OPTION F
SCALE 2:1



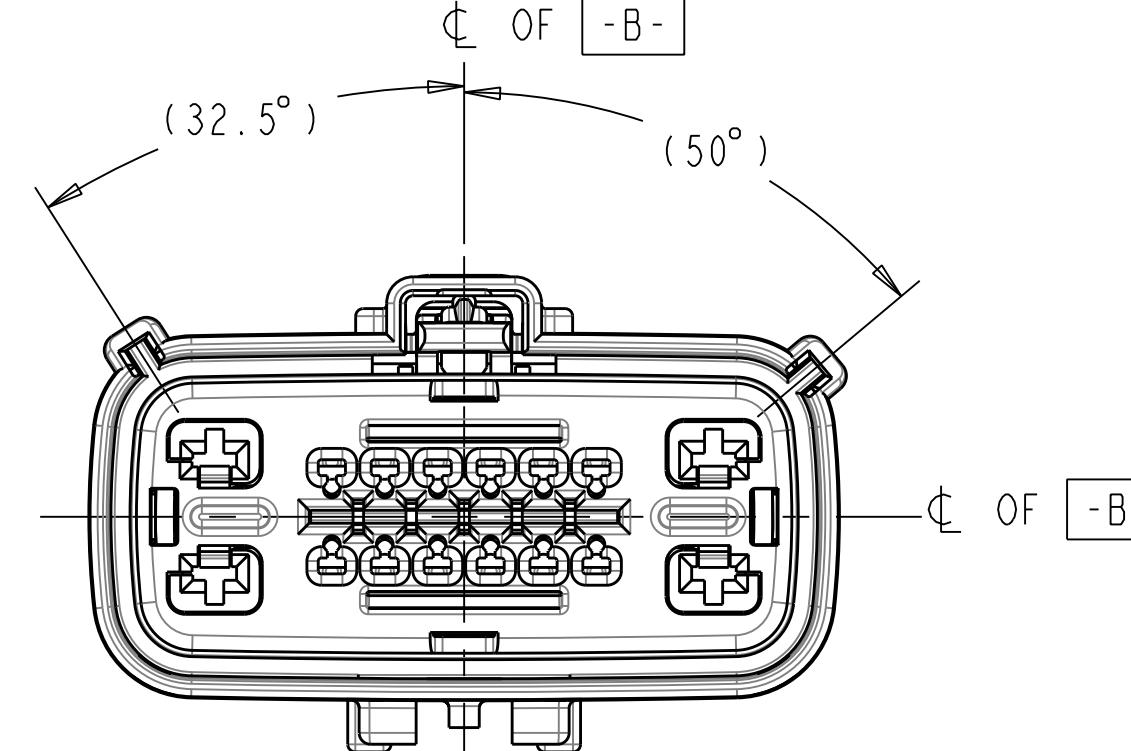
KEYING OPTION C
SCALE 2:1



KEYING OPTION G
SCALE 2:1

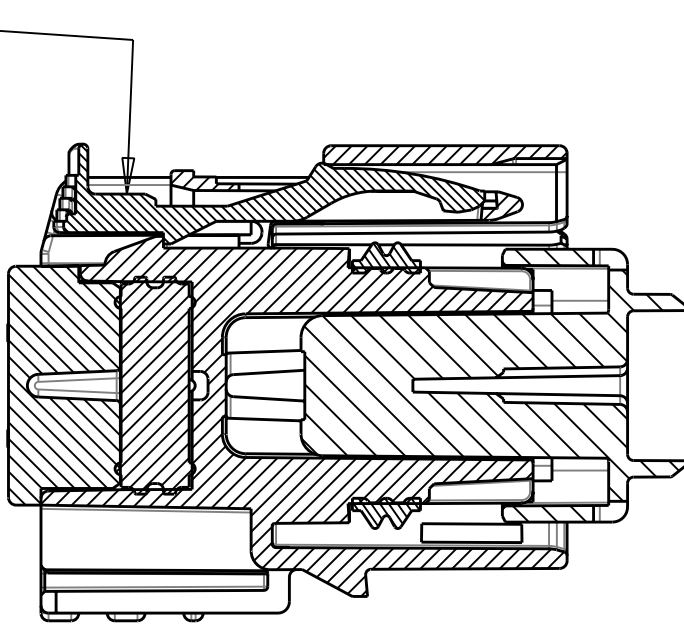


KEYING OPTION D
SCALE 2:1

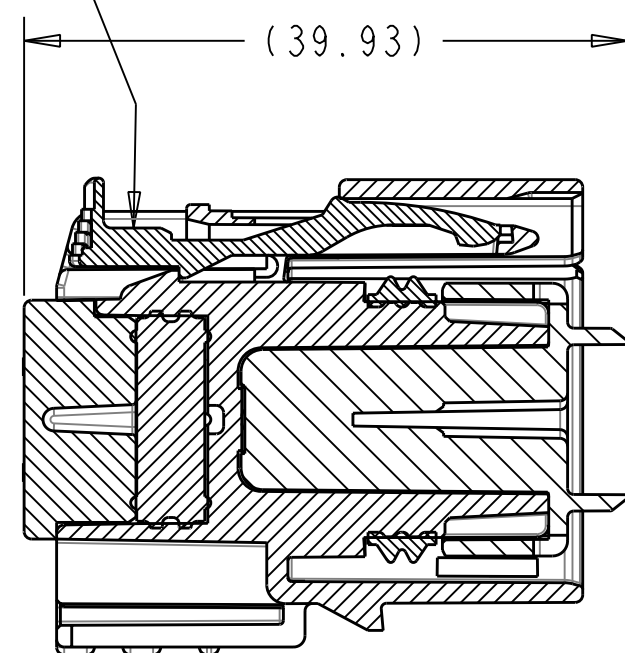


KEYING OPTION H
SCALE 2:1

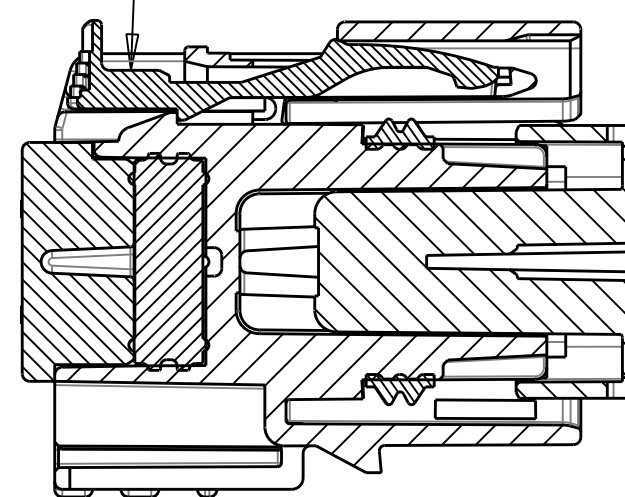
CPA TO BE INSTALLED
IN PRE-LOCK POSITION
AS SHOWN IN BOTH VIEWS,
SEE NOTE #5



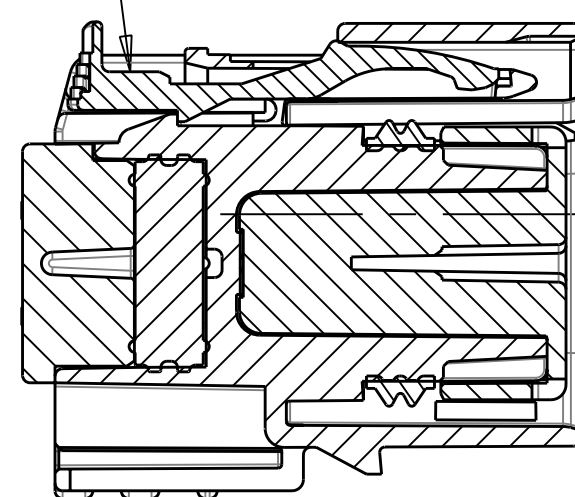
SECTION **B-B**
(RECEPTACLE INSERT WITH
SHORTING BAR LIFTER
SHOWN IN PRE-LOCK)
SEE NOTE #2



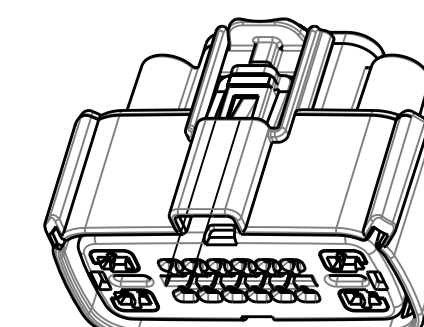
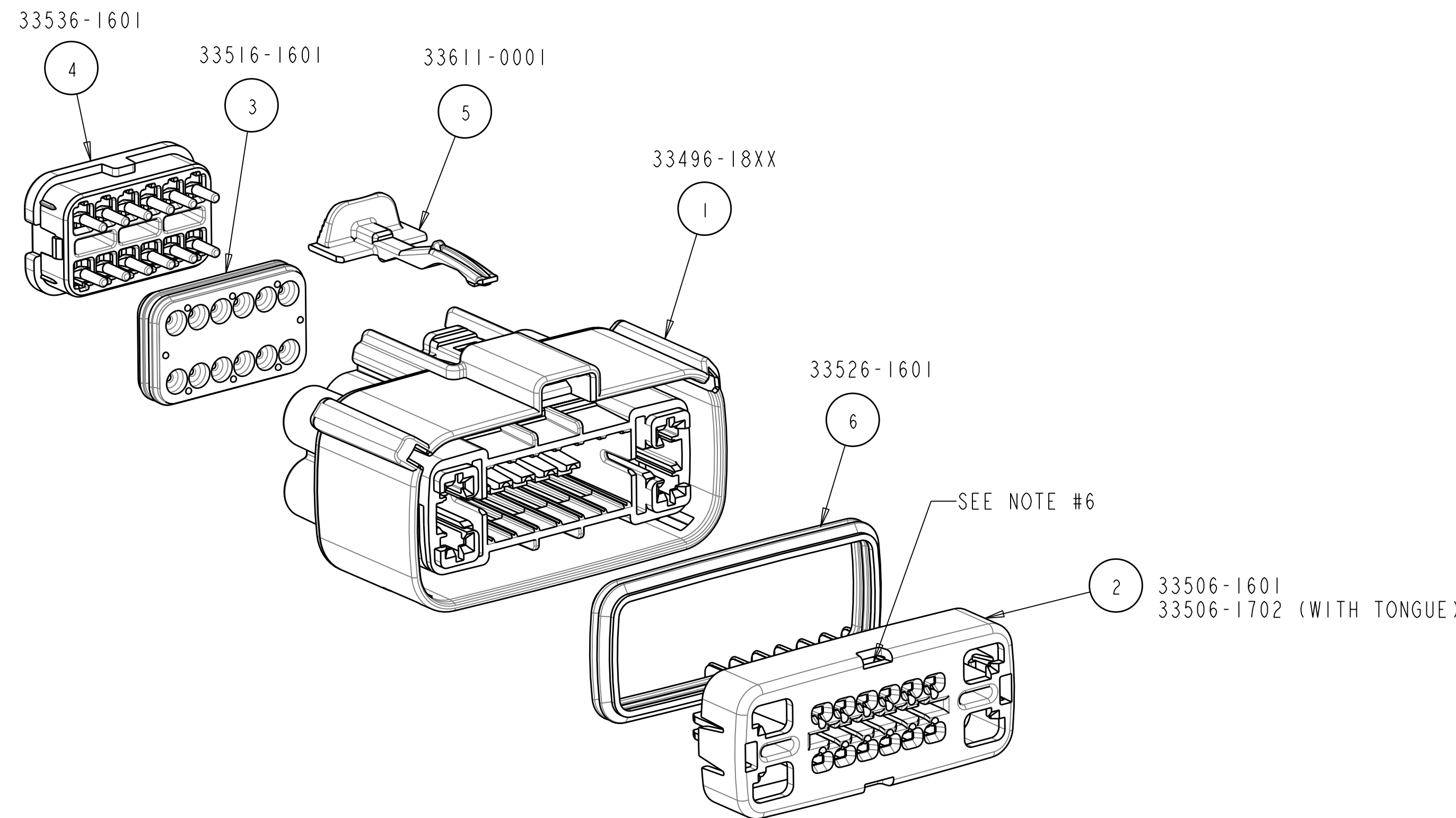
SECTION **B-B**
(RECEPTACLE INSERT WITH
SHORTING BAR LIFTER
SHOWN IN FULL-LOCK)
SEE NOTE #2



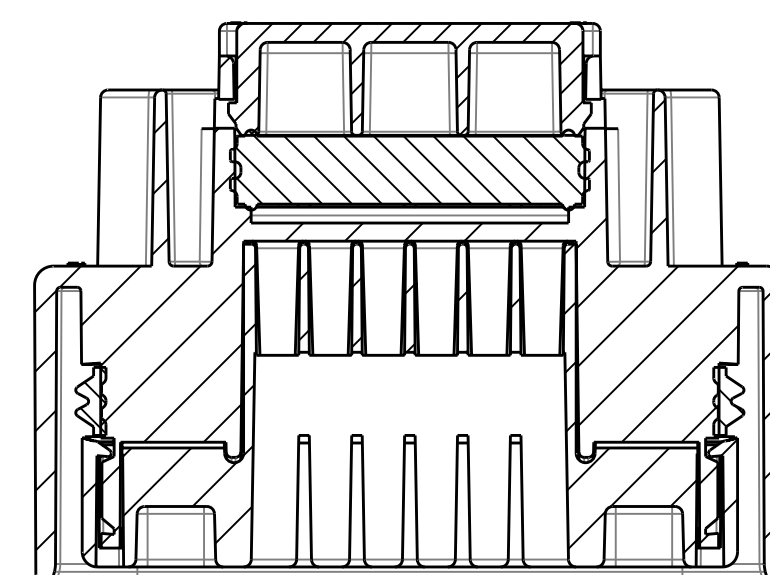
SECTION **B-B**
(RECEPTACLE INSERT
SHOWN IN PRE-LOCK)
SEE NOTE #2



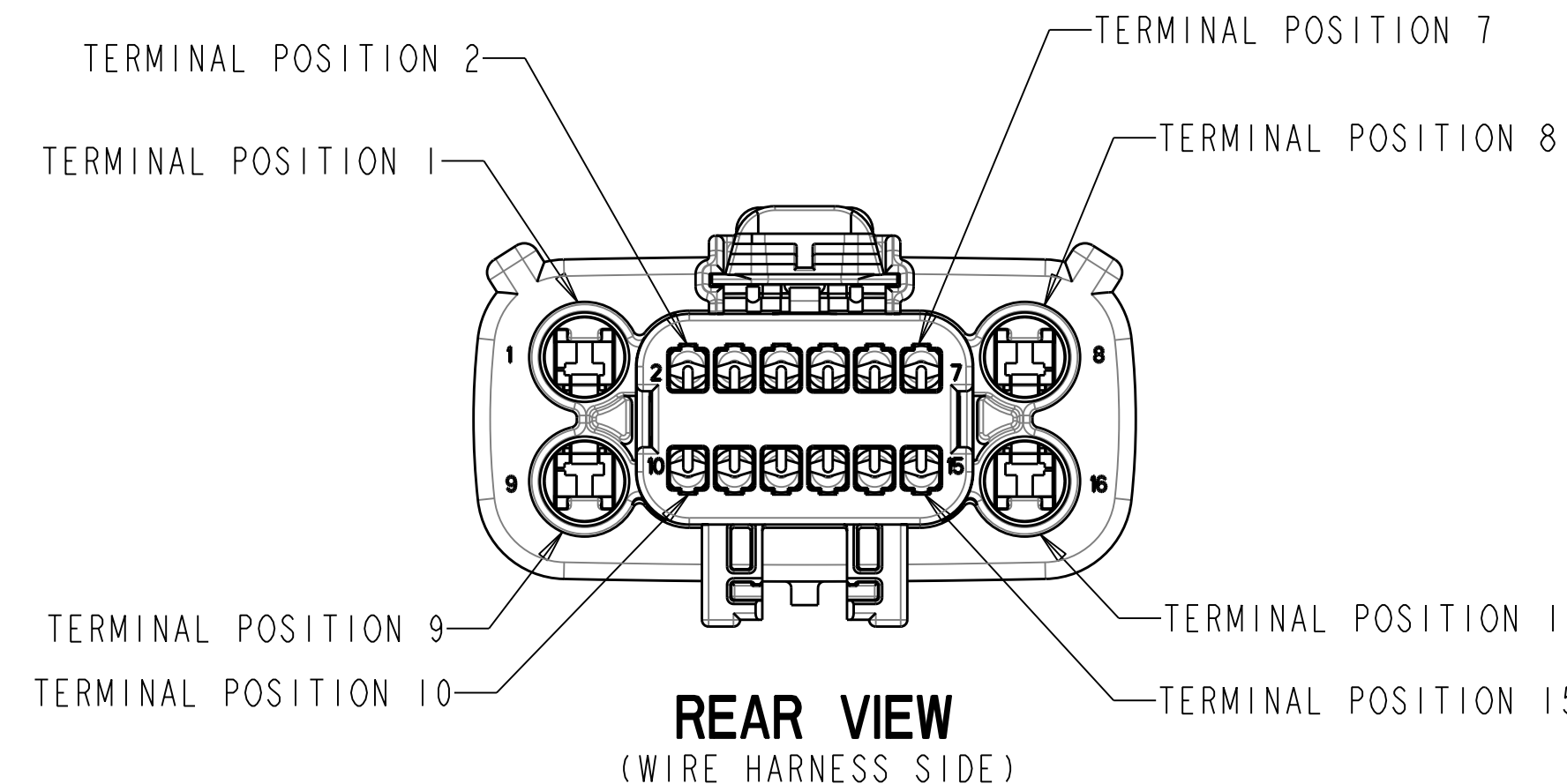
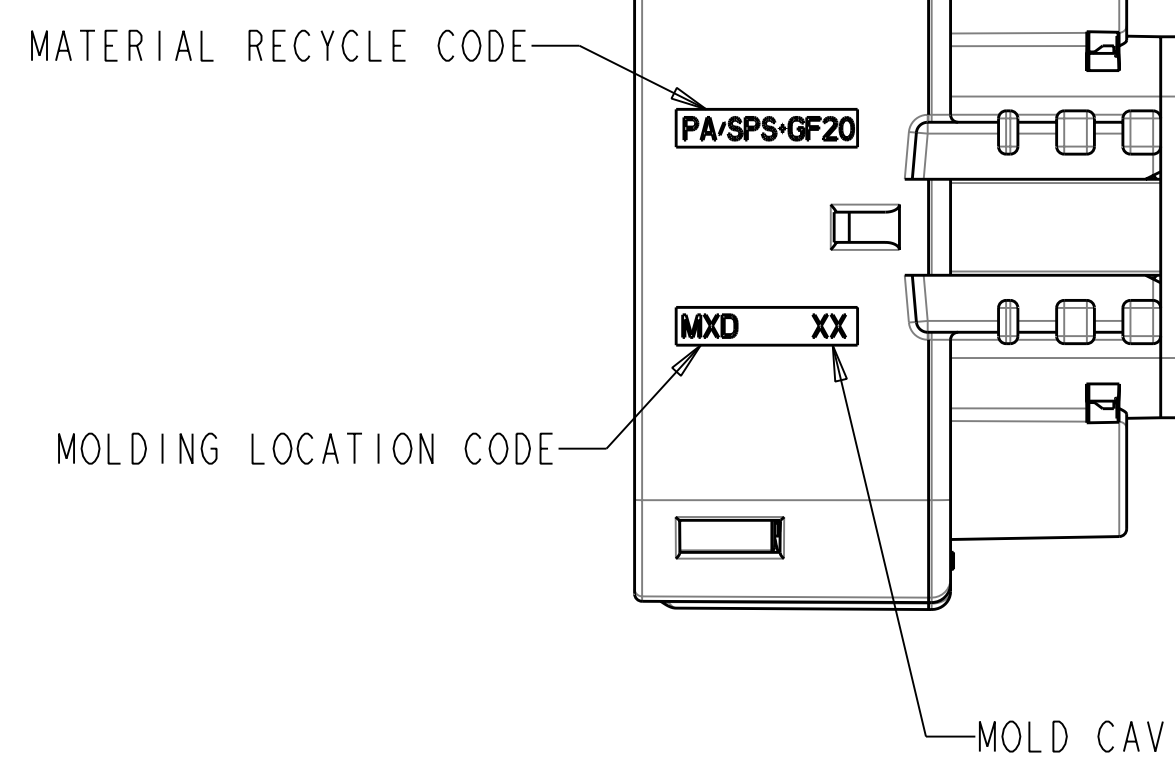
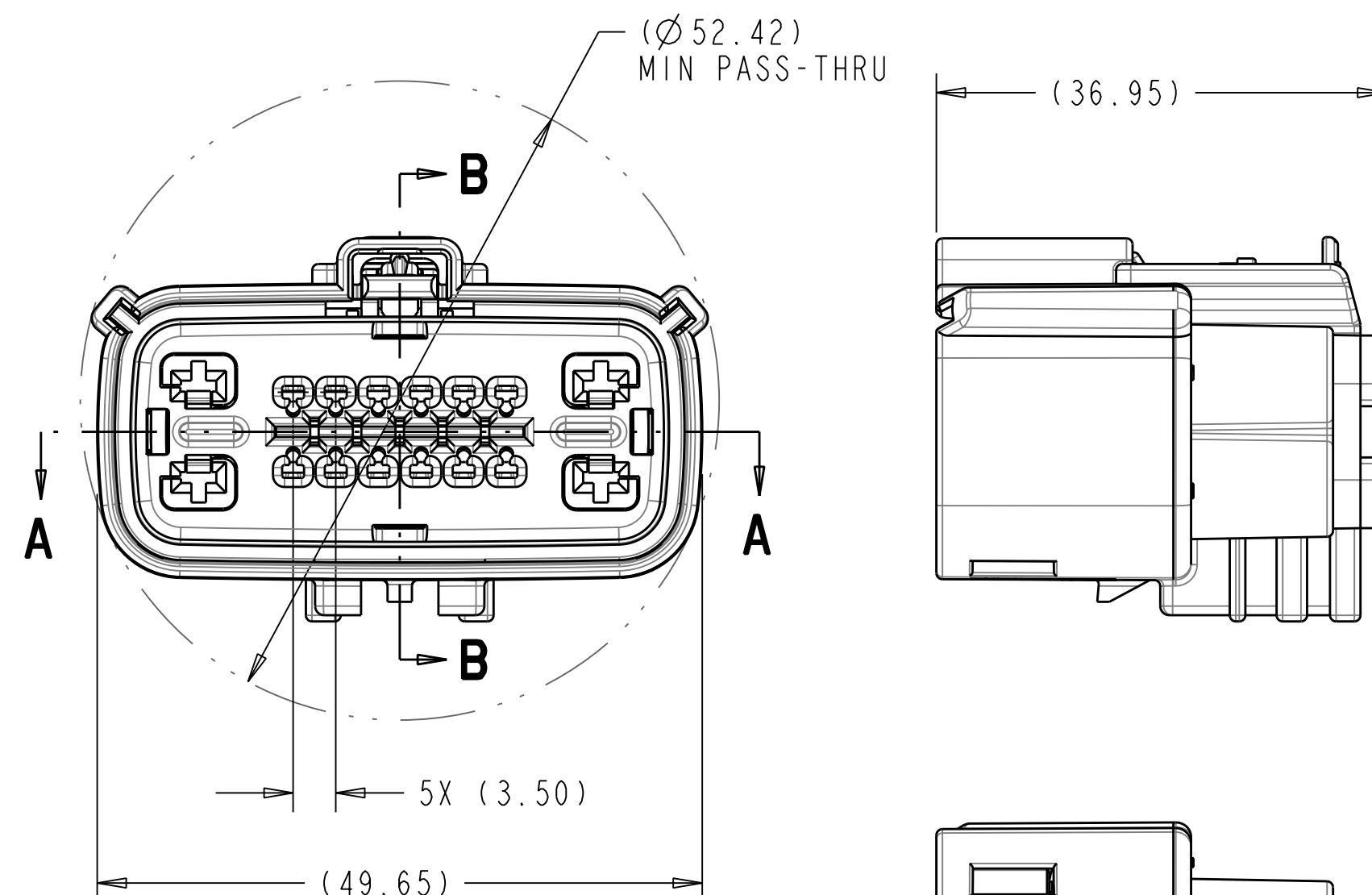
SECTION **B-B**
(RECEPTACLE INSERT
SHOWN IN FULL-LOCK)
SEE NOTE #2



SCALE 1:1



SECTION **A-A**



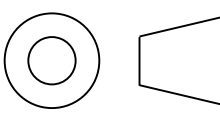
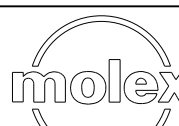
- NOTES: UNLESS OTHERWISE SPECIFIED
- DESIGNED TO MATE WITH BLADE HOUSING ASSEMBLY SPECIFIED IN CHARTED DRAWING E-33486-161 OR DEVICE CONNECTION AS SPECIFIED IN DRAWING E-33586-161. SEE CHART
 - ASSEMBLY SHIPPED WITH RECEPTACLE INSERT IN PRE-LOCK POSITION (SEE SECTION B-B PRE-LOCK). UPON FULL TERMINAL ASSEMBLY, EACH RECEPTACLE INSERT MUST BE SNAPPED INTO ITS FINAL-LOCK POSITION.
 - FOR 1.5mm RECEPTACLE TERMINALS TO BE USED WITH THIS ASSEMBLY, SEE MOLEX DRAWING E-33012-001. FOR FORD 2.8mm FEMALE RECEPTACLE SEE CHART.
 - SYSTEM TO BE USED WITH WIRE WITHIN Ø RANGE OF 1.2mm TO 2.4mm.
 - OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLES FOR SPECIFIC ASSEMBLY OPTION AND NUMBER. CPA MUST BE INSERTED TO THE PRE-LOCK POSITION, AS SHOWN IN SECTION B-B. WHEN CORRECTLY SEATED THE CPA DOES NOT MOVE, FREELY.
 - SERVICE WITH SCREWDRIVER.
 - REFER TO TABLE ON SHEET 2 OF THIS DRAWING FOR ALL PART NUMBER CONFIGURATION OPTIONS.
 - REFER TO ASSEMBLY DRAWING E-33476-161 FOR RECEPTACLE WITHOUT CLIP SLOT OPTIONS.
 - 9a. ENGAGEMENT FORCE- NO TERMINALS (PRE TO FINAL): 15N MIN.
b. ENGAGEMENT FORCE- WITH TERMINALS (PRE TO FINAL): 60N MAX.
c. DISENGAGEMENT FORCE- WITH TERMINALS (FINAL TO PRE): 18N MIN. 60N MAX.
d. PARTIALLY INSTALLED TERMINAL DETECTION - 80N MIN OR 40N GREATER THAN (b) WHICHEVER IS GREATER.
e. REMOVAL FORCE - WITH TERMINALS (FINAL TO OUT OF CONNECTOR): 25N MIN.

TYCO 28mm CABLE SEAL TERMINAL	
FORD P/N FEMALE RECEPTACLE	GRIP SIZE
IFIT-14474-KA	12
IFIT-14474-JA	14
IFIT-14474-HA	16
IFIT-14474-GA	18
IFIT-14474-FA	20
IFIT-14474-EA	22

EC NO: UAU2005-0053	DRWN: D.GRIFFITHS 08-11-04	CH'K: D.GRIFFITHS 08-11-04	APPR: D.GRIFFITHS 08-11-04
M	REV	DESCRIPTION	QUALITY SYMBOLS

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± .005	± .0004
3 PLACES	± .002	± .0001
2 PLACES	± 0.10	± .004
1 PLACE	± 0.3	± .012
ANGULAR	± 3°	

SCALE	DESIGN UNITS
2:1	mm
DIMENSION STYLE	
DRAWN BY	DATE
D.GRIFFITHS	05-21-03
CHECKED BY	DATE
D.GRIFFITHS	05-21-03
APPROVED BY	DATE
D.GRIFFITHS	05-21-03

 THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
TITLE			
1.5mm/2.8mm HYBRID CONNECTOR, RCPT 2 ROW HOUSING w/ CLIP SLOT SEALED, 16 WAY			
 MOLEX INCORPORATED			
MATERIAL NO. -		DOCUMENT NO. SD-33476-181	SHEET NO. 1 OF 2
CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			E

	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10		8	7	6		33476	4	3	2	1																						
T	ASSEMBLY PART NUMBER	HOUSING PART NUMBER	COLOR	KEYING OPTION	MAT SEAL CAP	CAVITY TYPE & STATUS (X = PLUGGED)										CPA	INTERFACE SEAL	MAT SEAL	INSERT/TPA																													
						2	3	4	5	6	7	10	11	12	13					14	15																											
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	33476-1848	33496-1801	BLACK	A	33536-1601	X											336111-0001	33526-1601	33516-1601	33506-1601																												
	33476-1849	33496-1801	BLACK	A	33536-1601													336111-0001	33526-1601	33516-1601	33506-1601																											
S	33476-1850	33496-1801	BLACK	A	33536-1601	X						X	X					-	33526-1601	33516-1601	33506-1601																R											
	33476-1851	33496-1807	LT.GRAY	F	33536-1601	X	X			X	X				X	X	X	-	33526-1601	33516-1601	33506-1702																											
	33476-1852	33496-1807	LT.GRAY	F	33536-1601					X								-	33526-1601	33516-1601	33506-1702																											
	33476-1853	33496-1807	LT.GRAY	F	33536-1601	X	X			X						X		-	33526-1601	33516-1601	33506-1702																O											
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L	33476-2211	33496-1807	LT.GRAY	F	33536-1601	X	X	X	X	X		X				-	33526-1601	33516-1601	33506-1702																													
K																									K																							
J																									J																							
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E																									E																							
D																									D																							
C																									C																							
B																									B																							
A																									A																							
MOLEX E-PRO.FRM rev A 08/28/00																									23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	

EC NO: UAU2005-0053 DRWN: D.GRIFFITHS 08-11-04 CHK: D.GRIFFITHS 08-11-04 APPR: D.GRIFFITHS 08-11-04	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2.000	DESIGN UNITS mm	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY												
	▽ ▽	mm	INCH	DIMENSION STYLE mm		TITLE		1.5mm/2.8mm HYBRID CONNECTOR, RCPT 2 ROW HOUSING w/ CLIP SLOT SEALED, 16 WAY												
		4 PLACES	± .005	± .005	DRAWN BY D.GRIFFITHS DATE 05-21-03		MATERIAL NO. -		DOCUMENT NO. SD-33476-181											
		3 PLACES	± .005	± .005	CHECKED BY D.GRIFFITHS DATE 05-21-03		SHEET NO. 2 OF 2													
		2 PLACES	± 0.10	± .005	APPROVED BY D.GRIFFITHS DATE 05-21-03															
		1 PLACE	± 0.3	± .005																
	ANGULAR	± 3°																		
REV	DESCRIPTION	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		E

181716151413121110987654321

TABLE OF CONTENTS	
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONFIGURATIONS
3	KEY CONFIGURATIONS
4	BLADE SEALED ASSEMBLY
5	SYSTEM PACKAGING

NOTES: VALID UNLESS OTHERWISE SPECIFIED

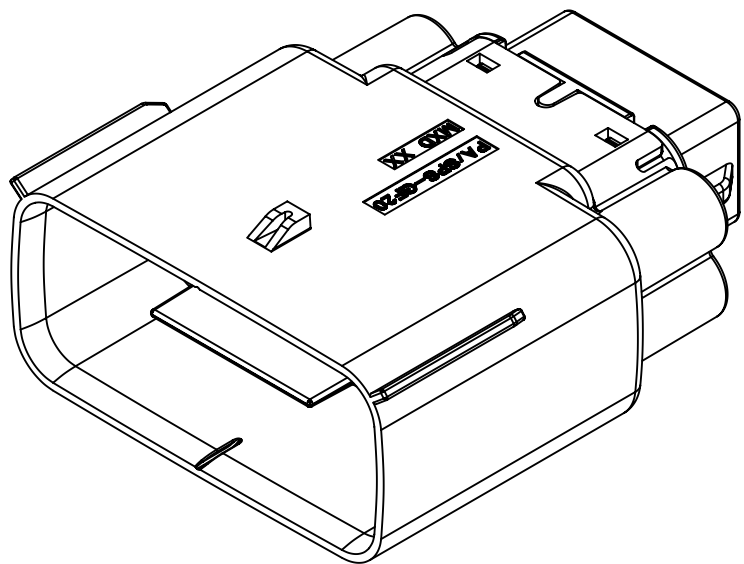
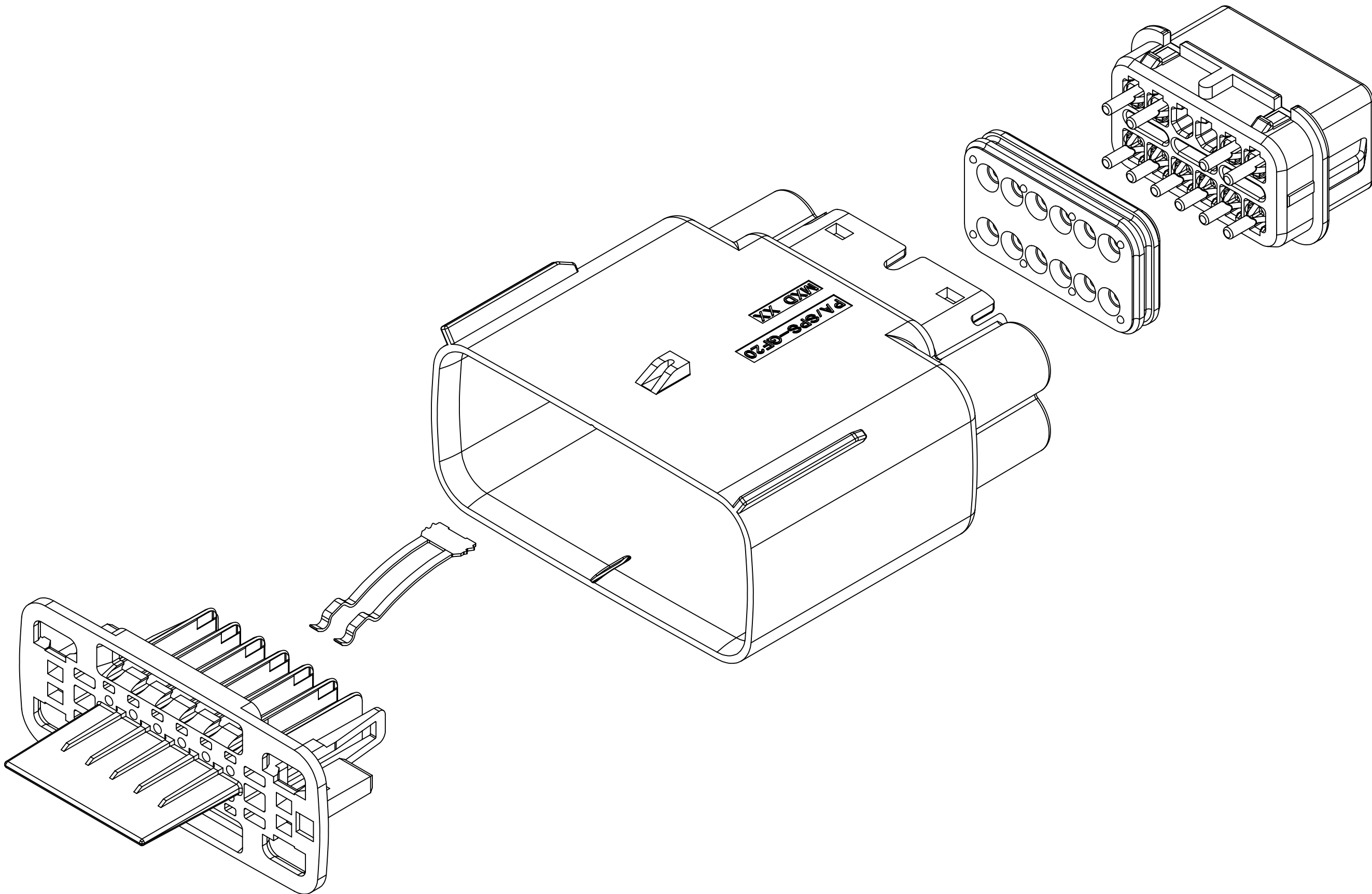
1. GENERAL:
- a. APPLICATION SPECIFICATION SEE: AS-33472-100
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - DESIGNED TO MATE WITH RECEPTACLE SEALED ASSEMBLY AS SPECIFIED IN SD-34985-8001, SD-33476-161, OR SD-33476-181.
 - FOR SHORTING BAR APPLICATIONS RECEPTACLE SEALED ASSEMBLY CONFIGURATION MUST CONTAIN A PLR WITH SHORTING BAR LIFTER.
 - FOR 1.5mm BLADE TERMINALS TO BE USED WITH THE SHORTING BAR CIRCUIT LOCATIONS SEE MOLEX DRAWING SD-31296-001.
 - SHORTING BAR TERMINALS TO BE USED WITH WIRE DIAMETER RANGE OF 1.7mm TO 2.06mm.
 - SHORTING BAR TERMINAL CRIMP ANGLE MUST BE BETWEEN -1.4 DEG. AND +3.5 DEG. AFTER INSTALLATION INTO THE CONNECTOR ASSEMBLY. REFER TO MOLEX DRAWING SD-31296-001 FOR DETAILS.
 - FOR 1.5mm BLADE TERMINALS TO BE USED WITH THE NON-SHORTING BAR CIRCUIT LOCATIONS SEE MOLEX DRAWING SD-33000-001.
 - NON-SHORTING BAR TERMINALS TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.2mm TO 2.69mm.
 - FOR 2.8mm TERMINALS TO BE USED WITH THIS ASSEMBLY SEE TABLE.
 - 2.8mm TERMINALS TO BE USED WITH WIRE WITHIN DIAMETER RANGE OF 1.50mm TO 3.30mm.
 - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW SHEET 4).
 - ASSEMBLY CONFORMS TO SAE-USCAR-2 REV.4 WITH THE FOLLOWING EXCEPTIONS: TERMINAL INSERTION FORCE FOR WIRE DIAMETER ABOVE 2.5mm NOT EXCEEDING 2.69mm SHALL NOT EXCEED 45 NEWTONS. PLR REMOVAL FROM FINAL-LOCK TO PRE-LOCK SHALL NOT EXCEED 75 NEWTONS.
- b. PRODUCT SPECIFICATION SEE: PS-33476-000
- CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), TERMINALS, WIRE DIAMETER RANGE, PRODUCT VALIDATION, AND PRODUCT DEVIATIONS.
- c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31300-514
- d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: QEHS-699000-300
- e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)

2. DESIGN - MATERIALS:

- a. SEE BOM TABLE IN SD-34986-8002

3. DESIGN - GEOMETRY:

- a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCE) AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
- b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
- c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
- d. CORNERS SHOWN AS SHARP TO BE R 0.2 MAX.
- e. LETTERING SHALL BE 0.15 MAX RAISED IN 0.25 MAX RECESS PAD. THIS INCLUDES RECYCLING CODE, CAVITY ID, VENDOR IDENTIFICATION, AND CUSTOMER MATERIAL NUMBER.
- f. VISUAL DEFECTS SHALL MEET COSMETIC STANDARD PS-45499-002 (Class B).
- g. LASER MARKING:
- PART NUMBER
 - DAY OF THE YEAR
 - SHIFT
 - YEAR
- FOR ADDITIONAL INFORMATION SEE SECTION 5 UNDER PROCEDURES IN ES-34735-008.



TYCO 2.8mm CABLE SEAL TERMINAL	
FORD P/N MALE BLADE	GRIP SIZE
3F2T-14421-GA	12
IFIT-14421-JA	14
IFIT-14421-HA	16
IFIT-14421-GA	18
IFIT-14421-FA	20
IFIT-14421-EA	22

C1	1. UPDATED THE VIEWS IN SHEET 2 2. CHANGED THE DIM 15.00+/-0.10 TO 15.00+0.30/-0.20 IN SHEET 4
C	REDRAWN MOVED BOM TO SD-34986-8002
REV	REV DESCRIPTION

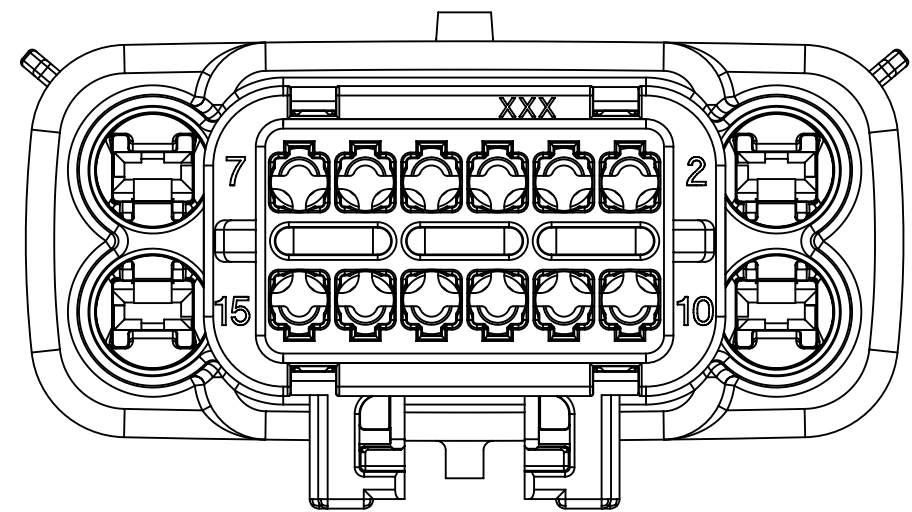
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		mm		1.5:1													
		GENERAL TOLERANCES (UNLESS SPECIFIED)															
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= 0		3 PLACES		±		CHK'D: MVANSLAMBROU		2018/06/12									
= 0		2 PLACES		± 0.1		APPR: MVANSLAMBROU		2018/06/12									
= 0		1 PLACE		± 0.3		INITIAL REVISION:											
= 0		0 PLACES		±		DRWN: APROFFITT		2013/05/06									
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= 0										A1-SIZE		34986					
										DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
										SD-34986-8001		PSD		001		C1	
										MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
												GENERAL MARKET				1 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/12 12:37:30
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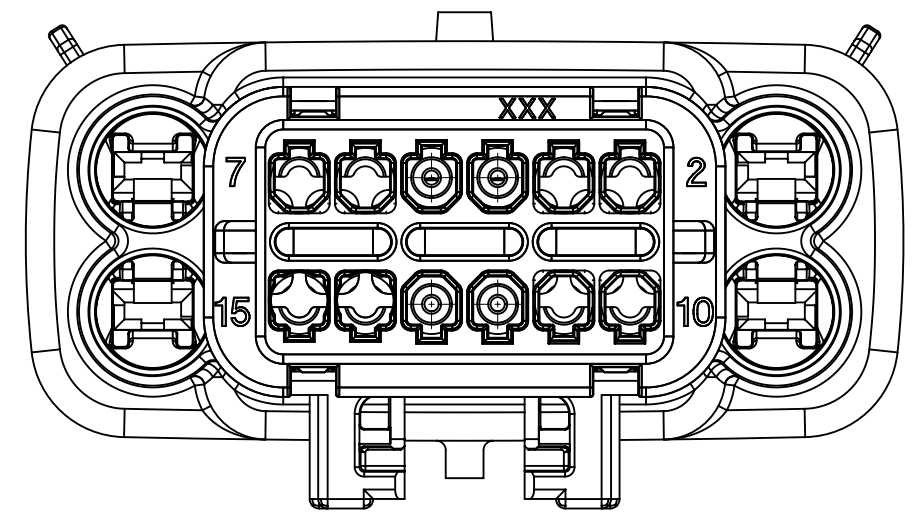
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SHEET DESCRIPTION

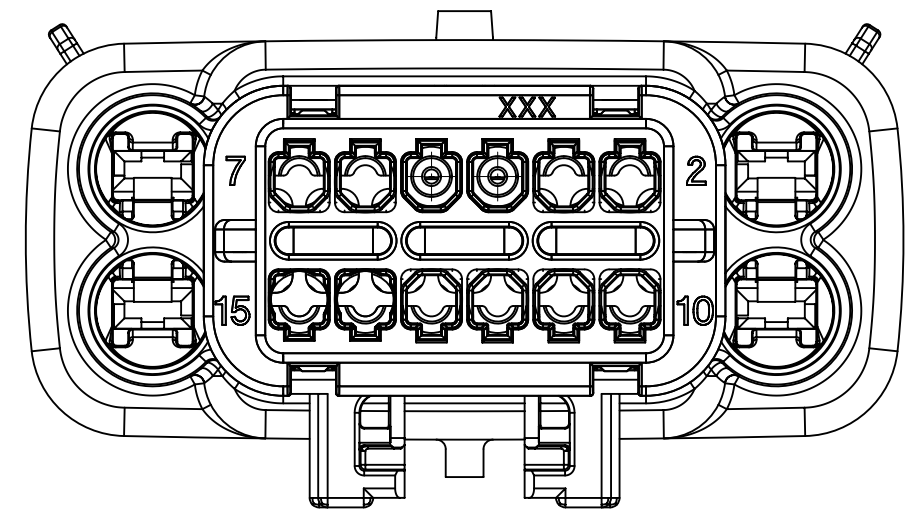
CONFIGURATIONS



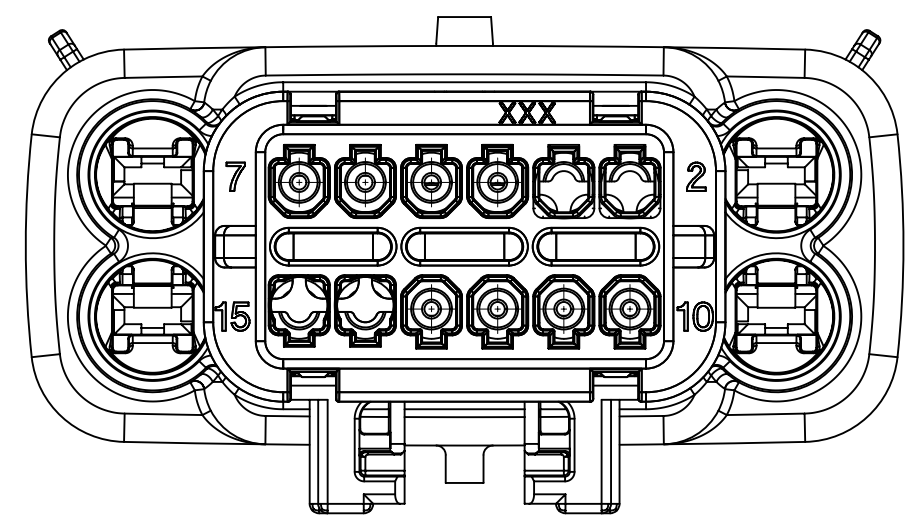
STANDARD GROMMET CAP



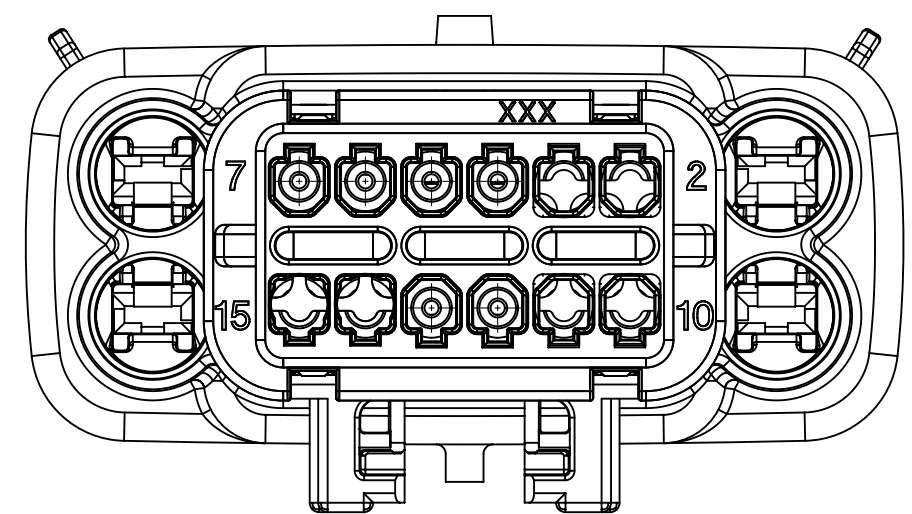
SHORTING BAR GROMMET CAP 1



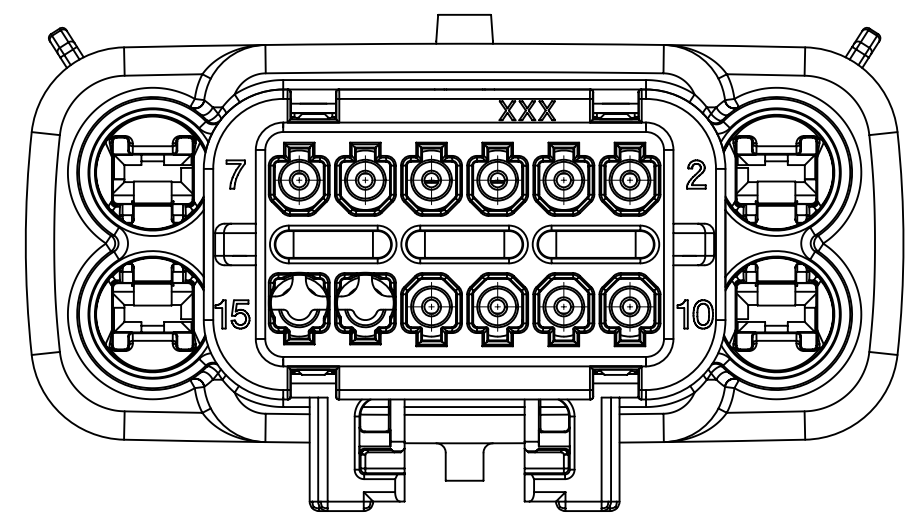
SHORTING BAR GROMMET CAP 2



SHORTING BAR GROMMET CAP 3



SHORTING BAR GROMMET CAP 4



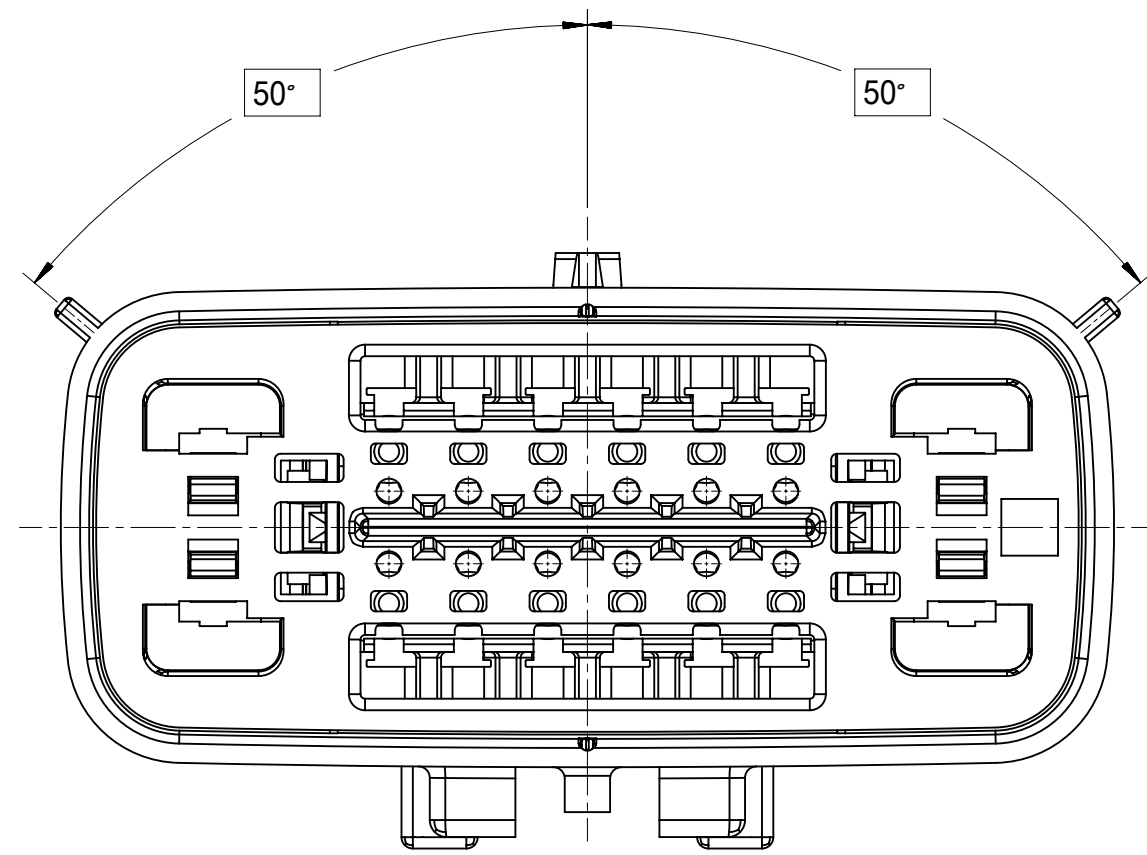
SHORTING BAR GROMMET CAP 5

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/12	12:37:30
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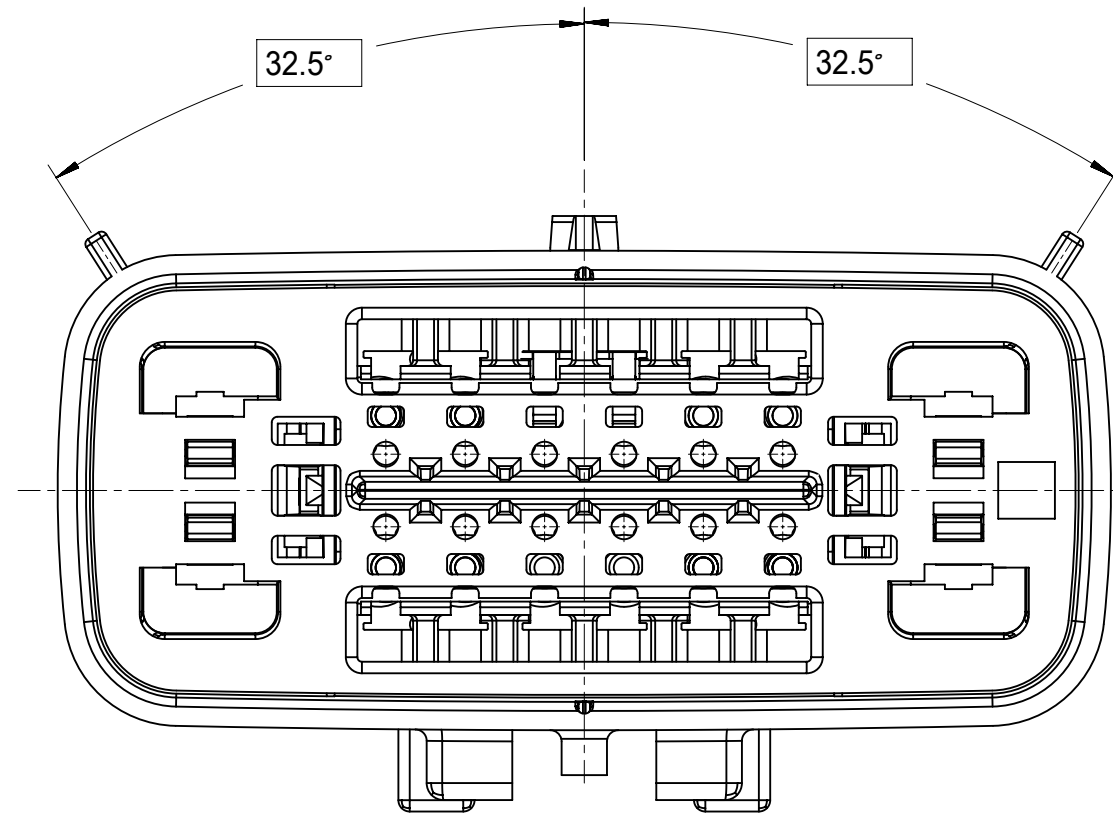
SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
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	mm		2.5:1													
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 = 0																
ANGULAR TOL ± 3.0 °																
 = 0	4 PLACES		±													
 = 0	3 PLACES		±													
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							A1-SIZE		34986				GENERAL MARKET		2 OF 5	

SHEET DESCRIPTION

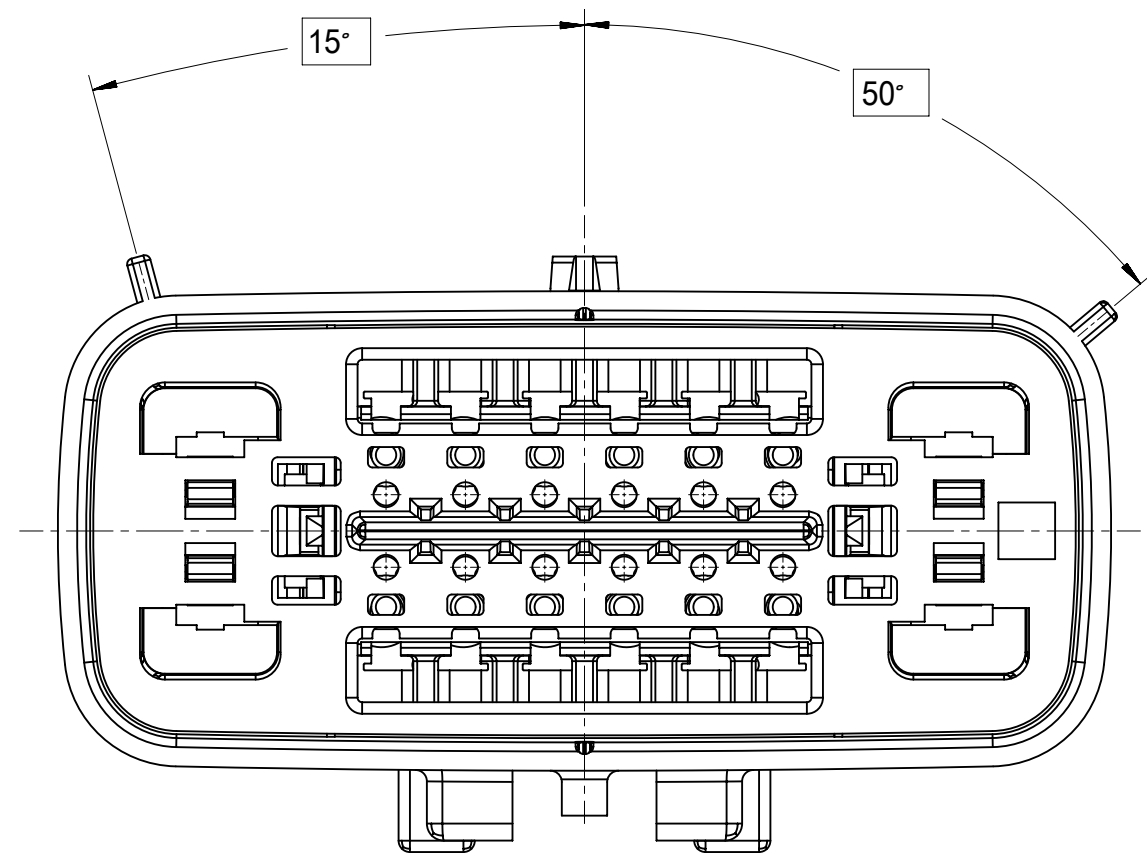
KEY CONFIGURATIONS



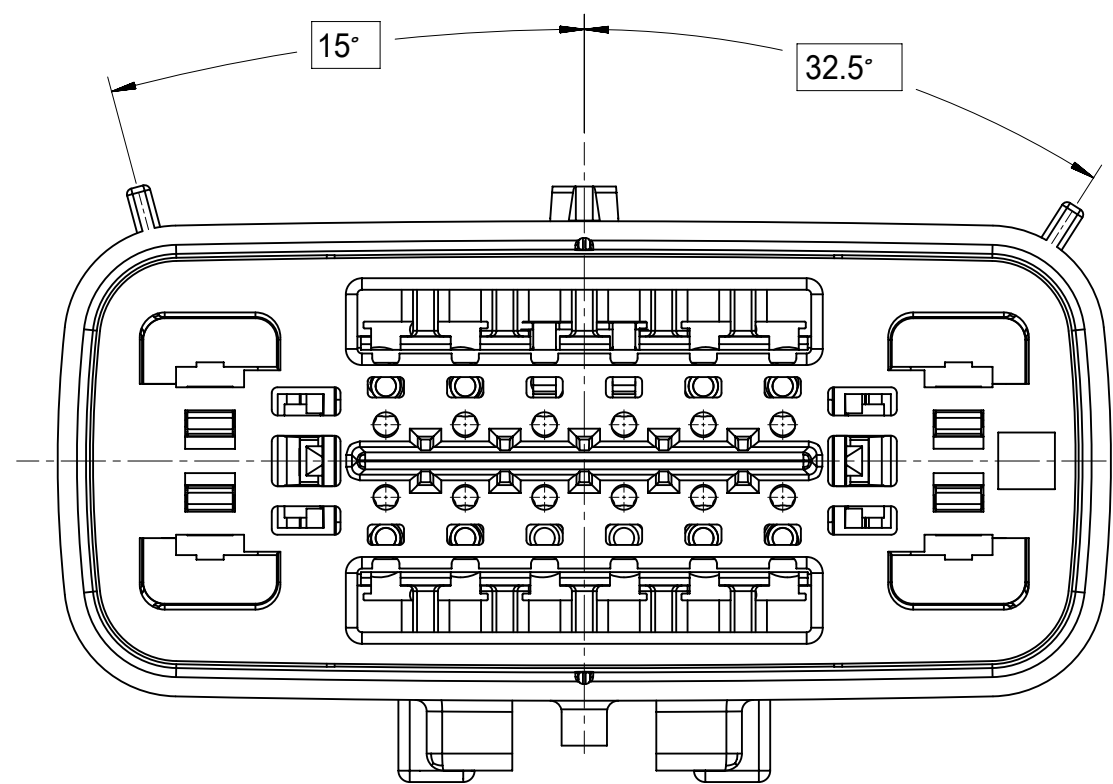
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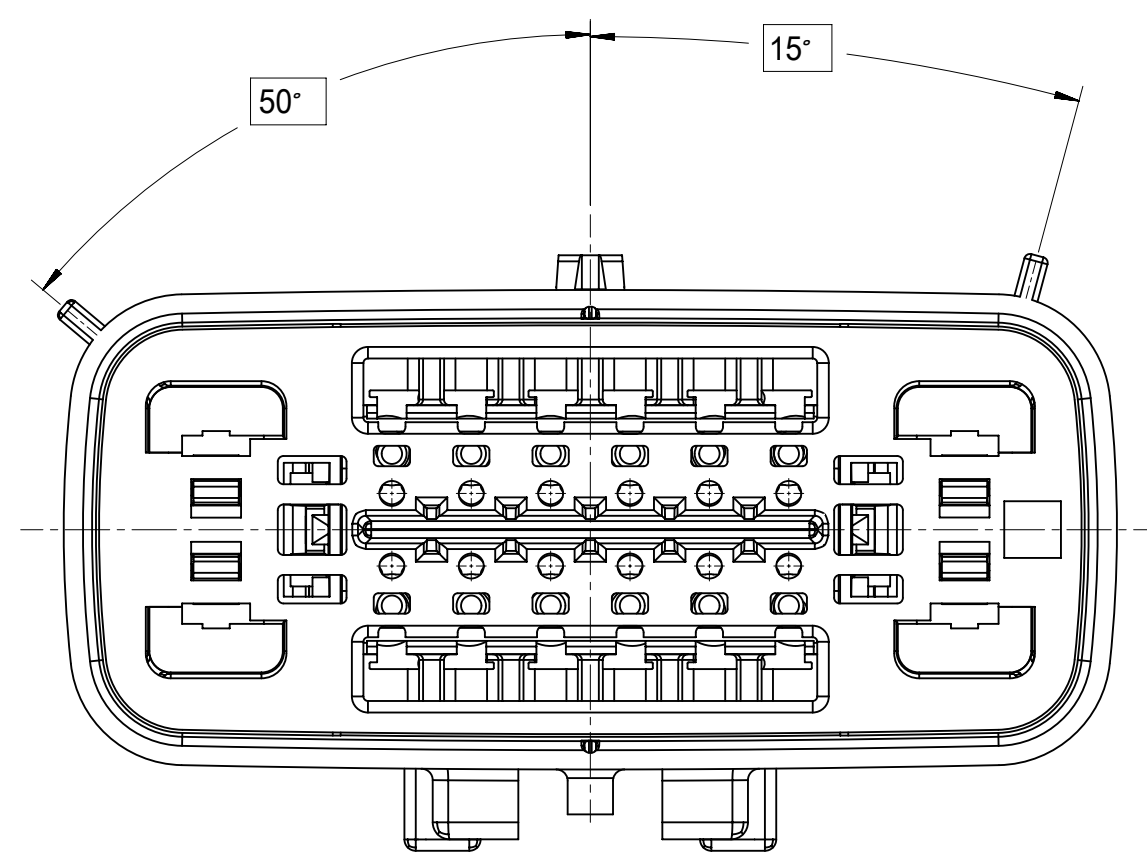
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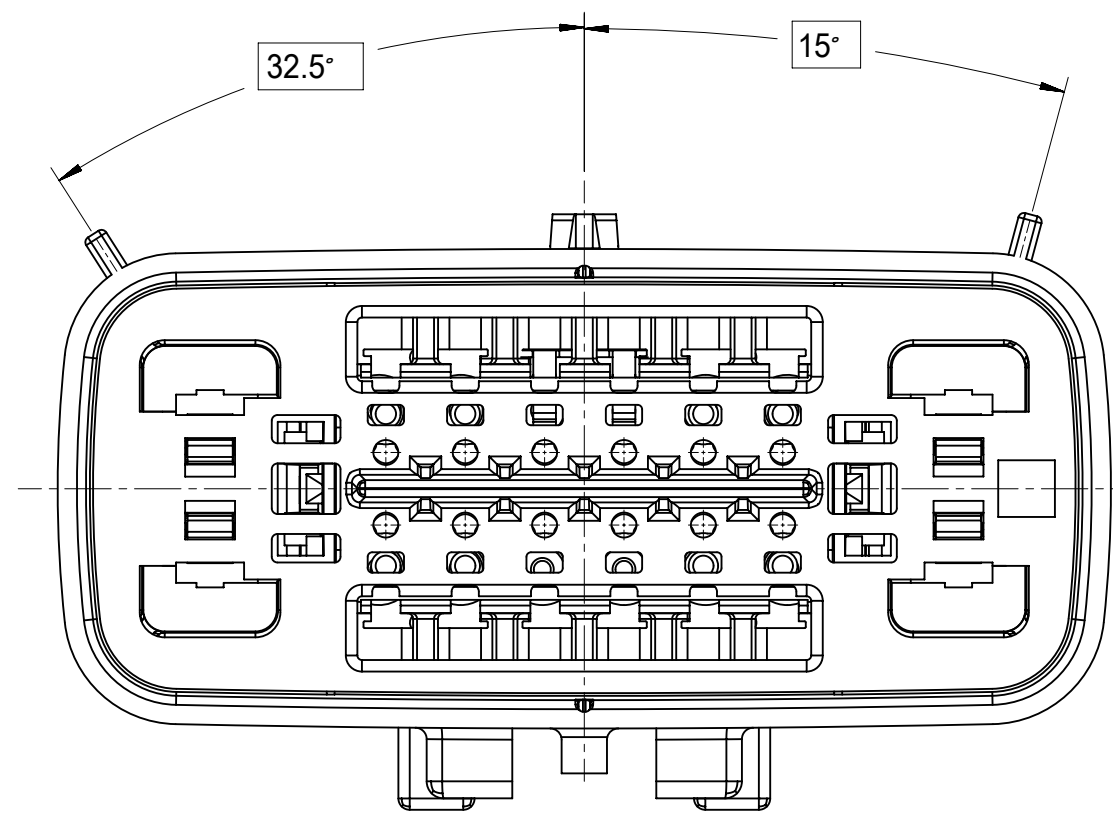
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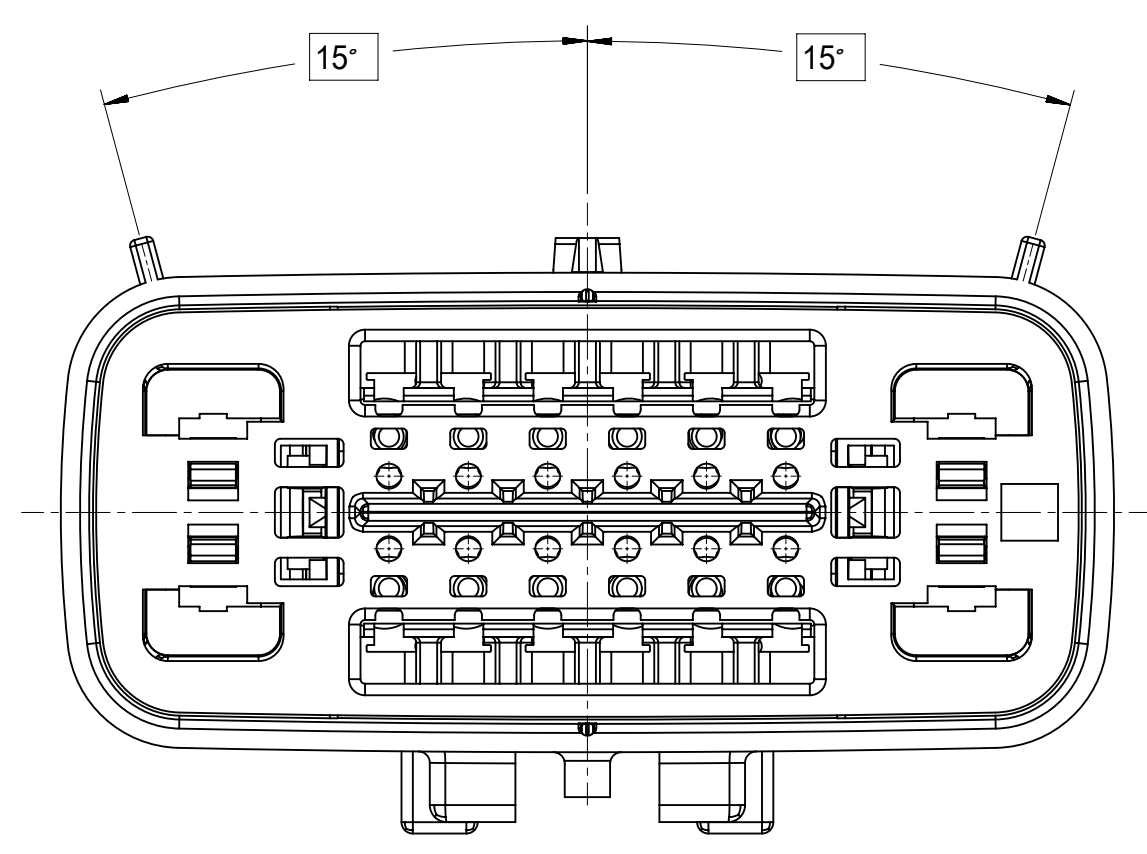
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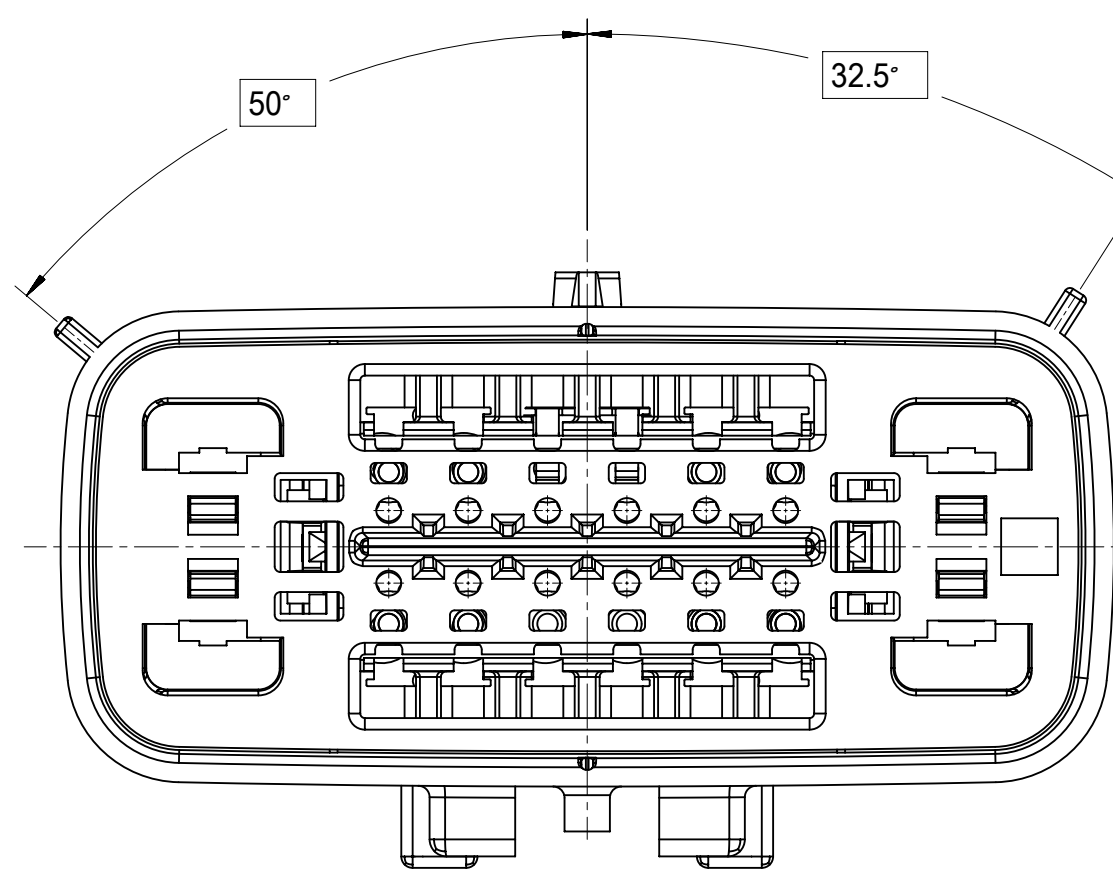
KEY C



KEY G



KEY D

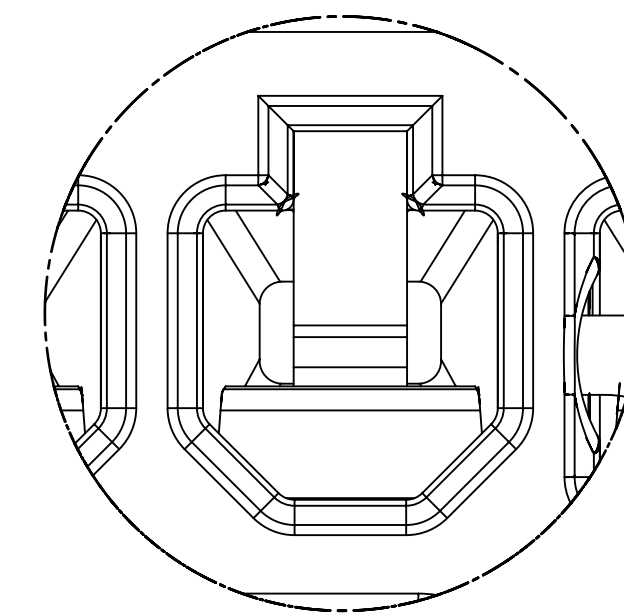
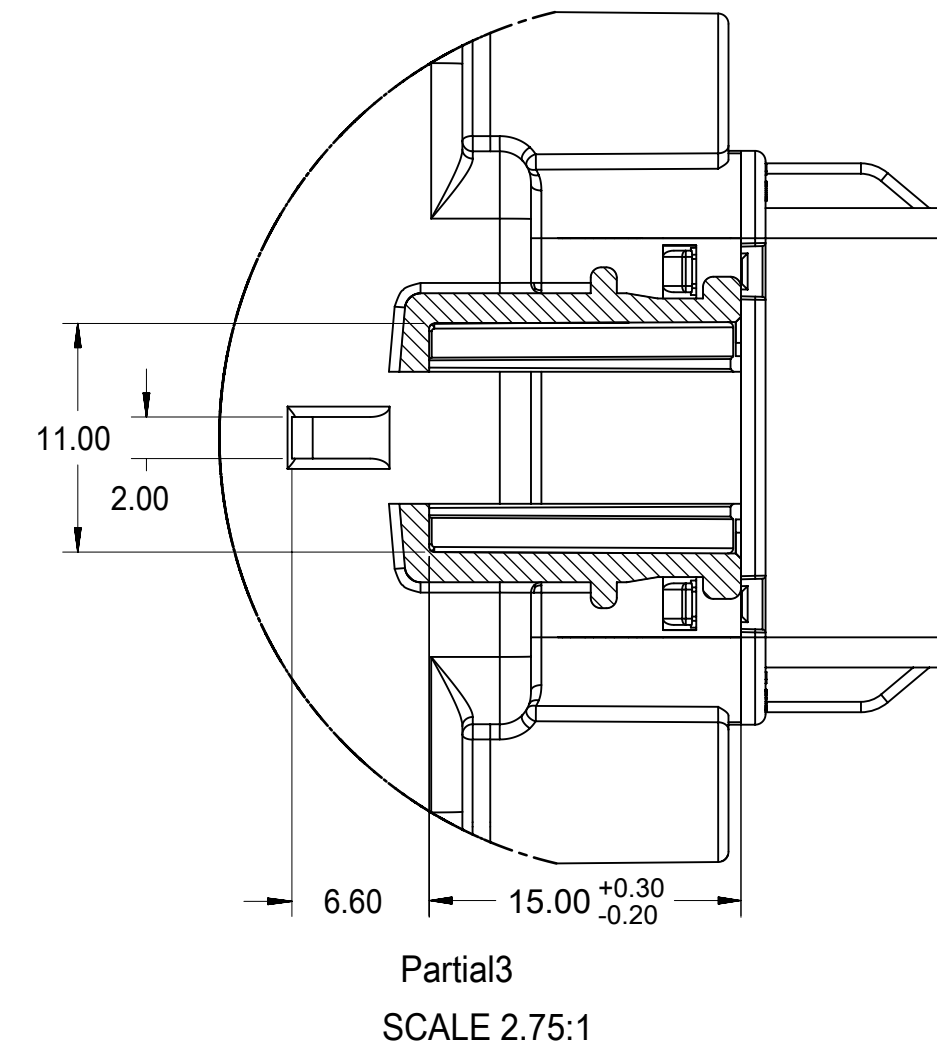
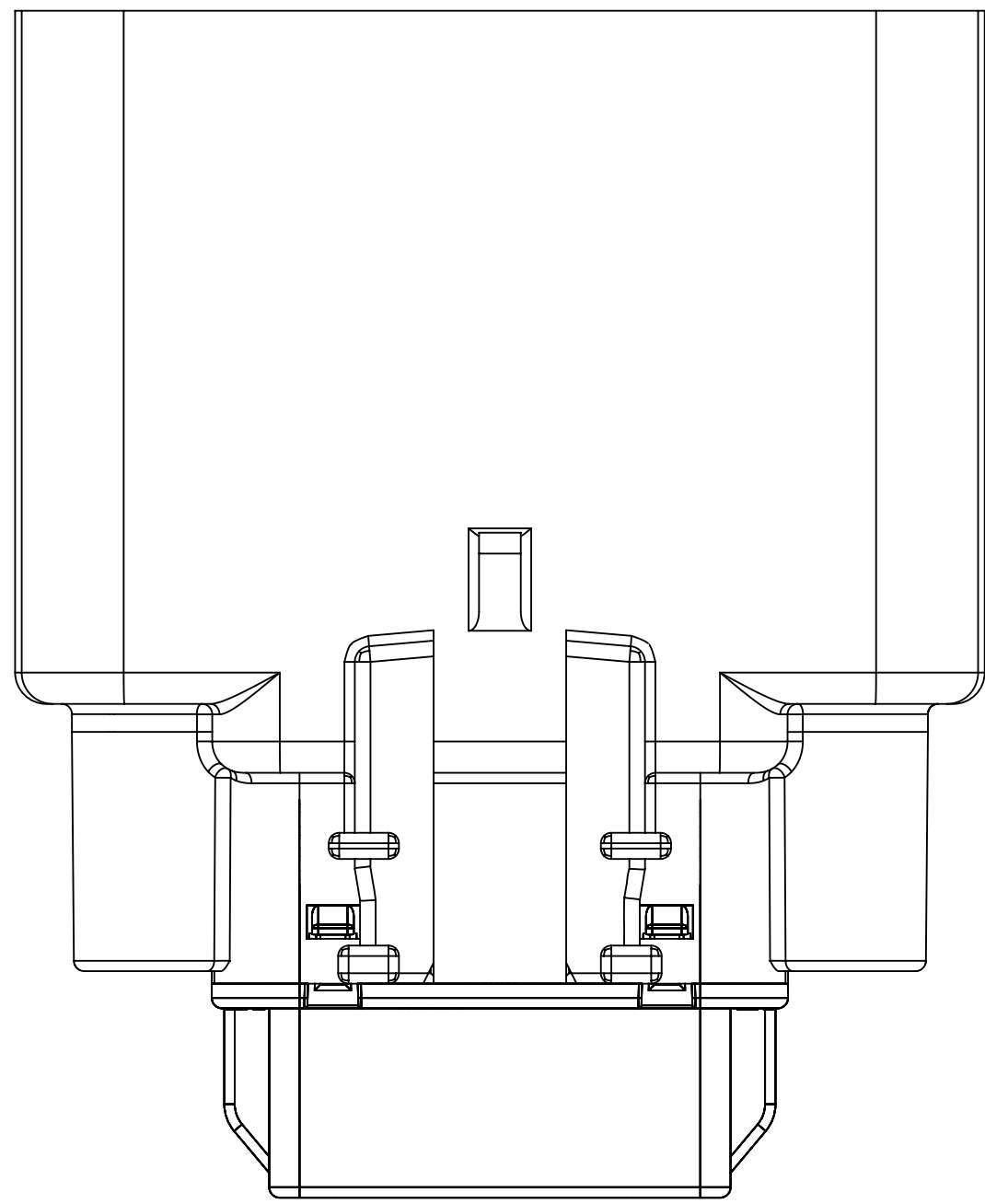
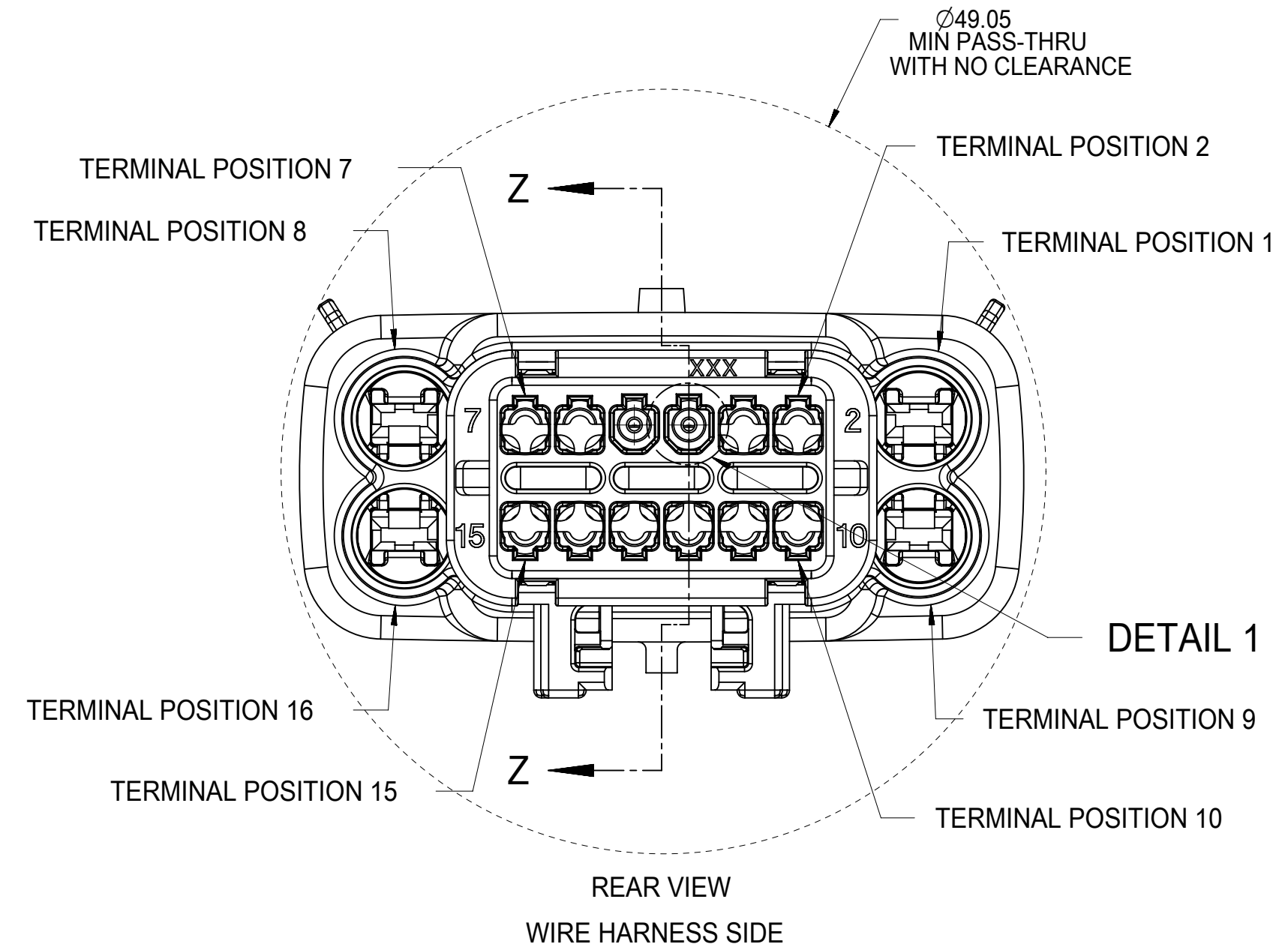
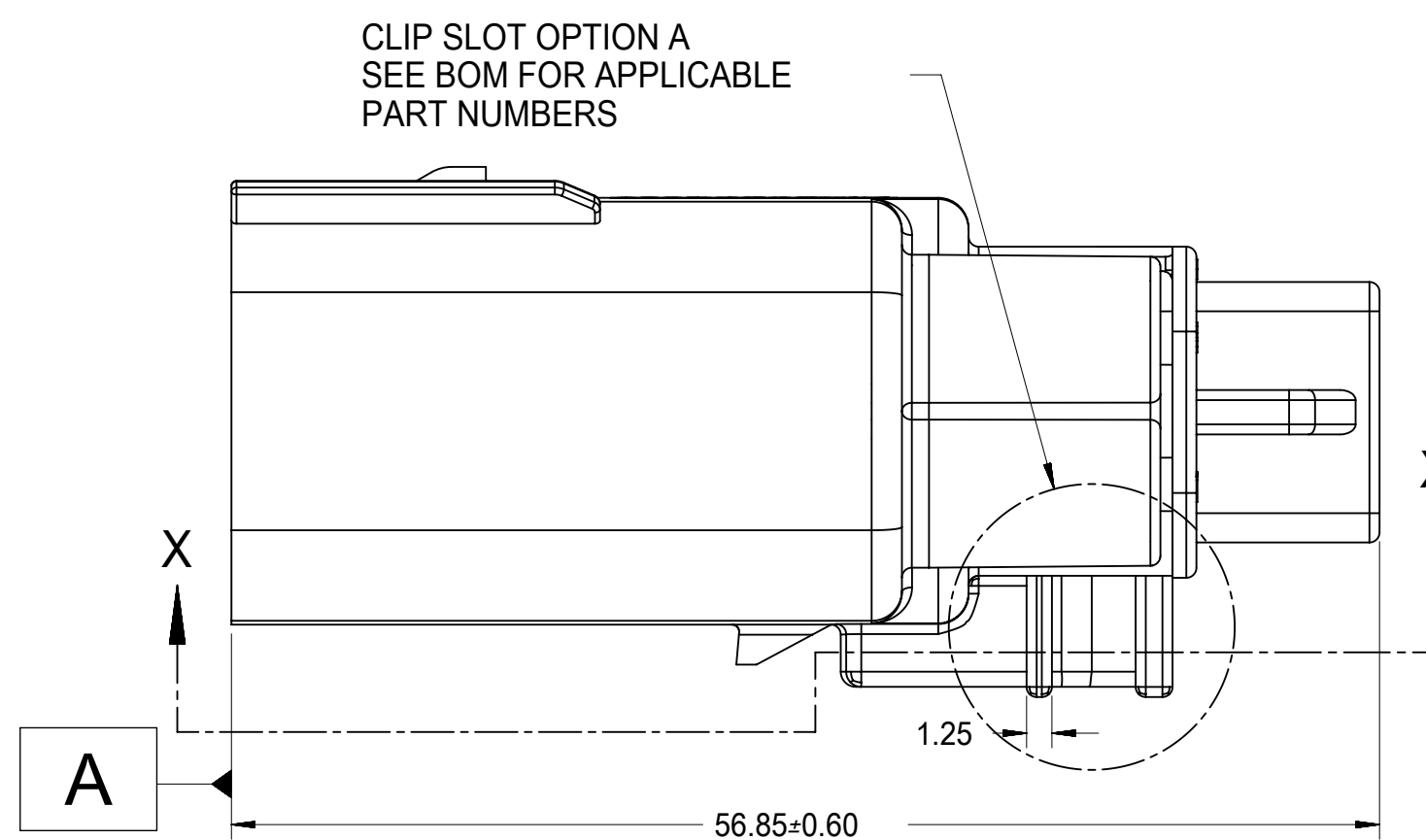
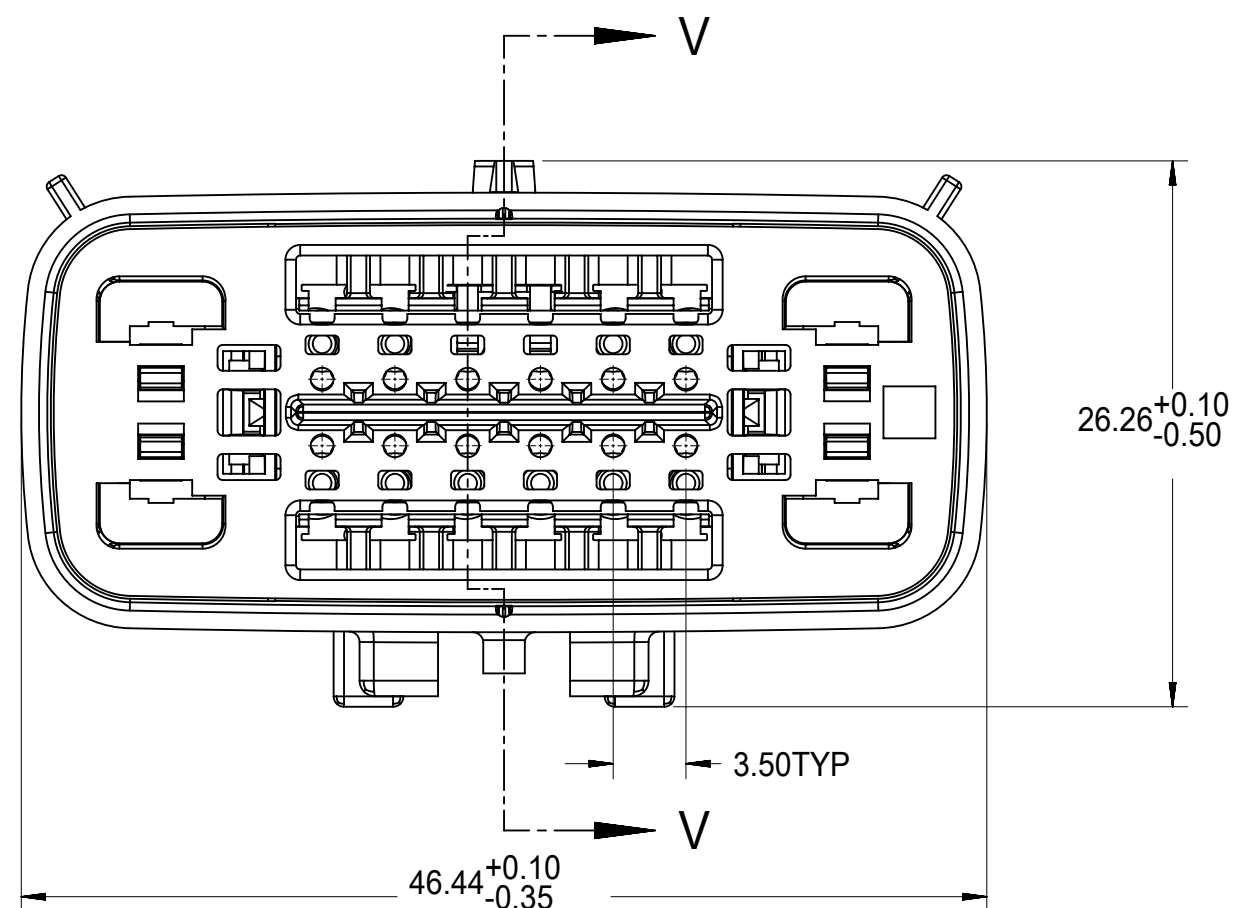
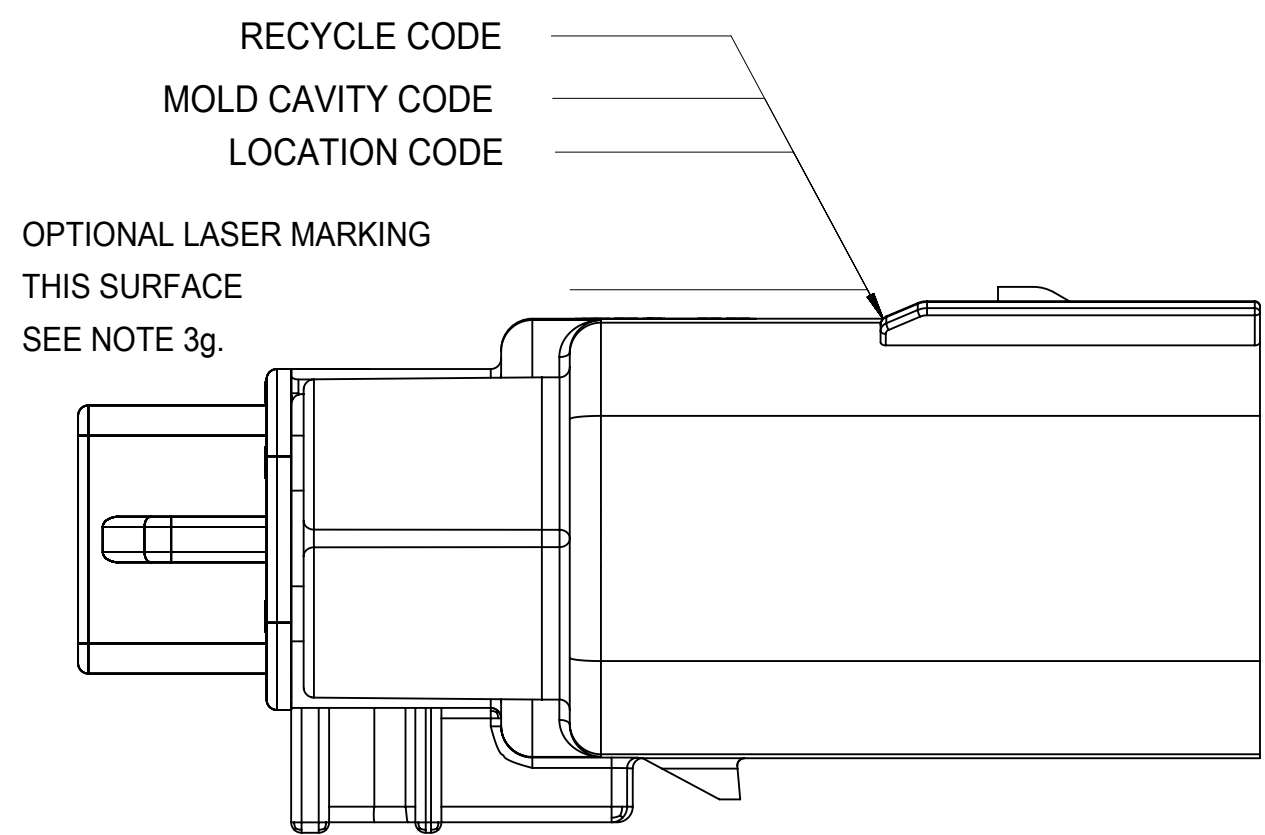


KEY H

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
	DIMENSION UNITS		SCALE		CURRENT REV DESC:				molex						
	mm		3:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177763 DRWN: LSONG052018/05/30 CHK'D: MVANSLAMBROU2018/06/12 APPR: MVANSLAMBROU2018/06/12 INITIAL REVISION: DRWN: APROFFITT2013/05/06 APPR: VKOSHY2013/05/16				MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY						
	ANGULAR TOL ± 3.0 °														
	4 PLACES		±												
	3 PLACES		±												
	2 PLACES		± 0.1												
	1 PLACE		± 0.3		PRODUCT CUSTOMER DRAWING				DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION		
	0 PLACES		±						SD-34986-8001		PSD	001	C1		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS								THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER
						A1-SIZE		34986		GENERAL MARKET		3 OF 5			

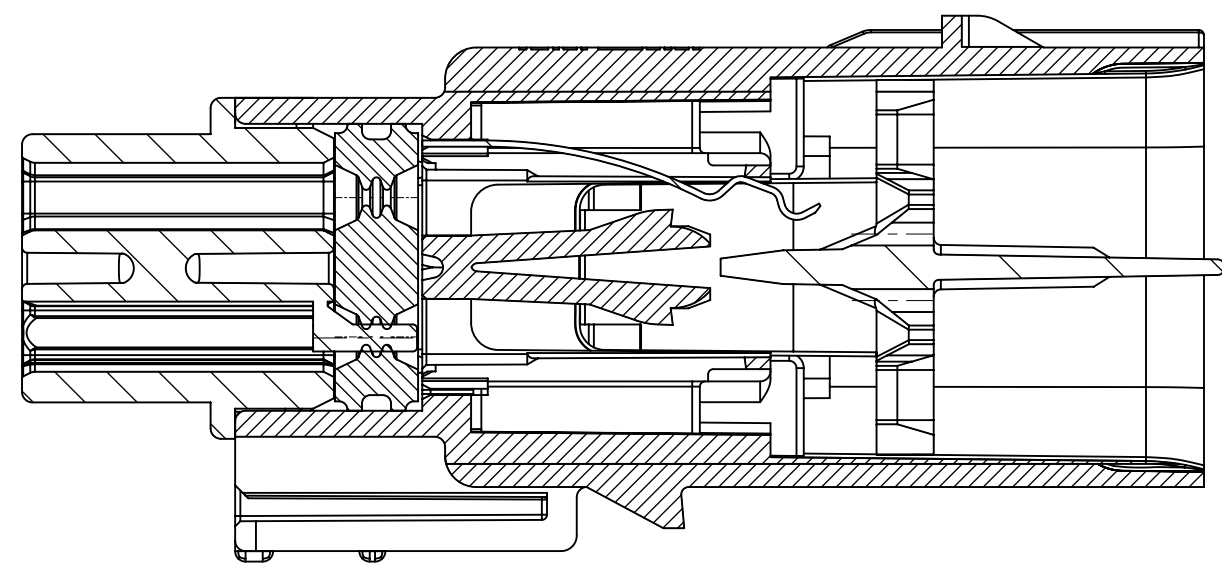
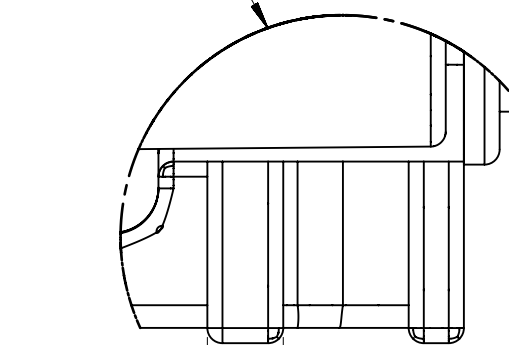
SHEET DESCRIPTION

BLADE SEALED ASSEMBLY

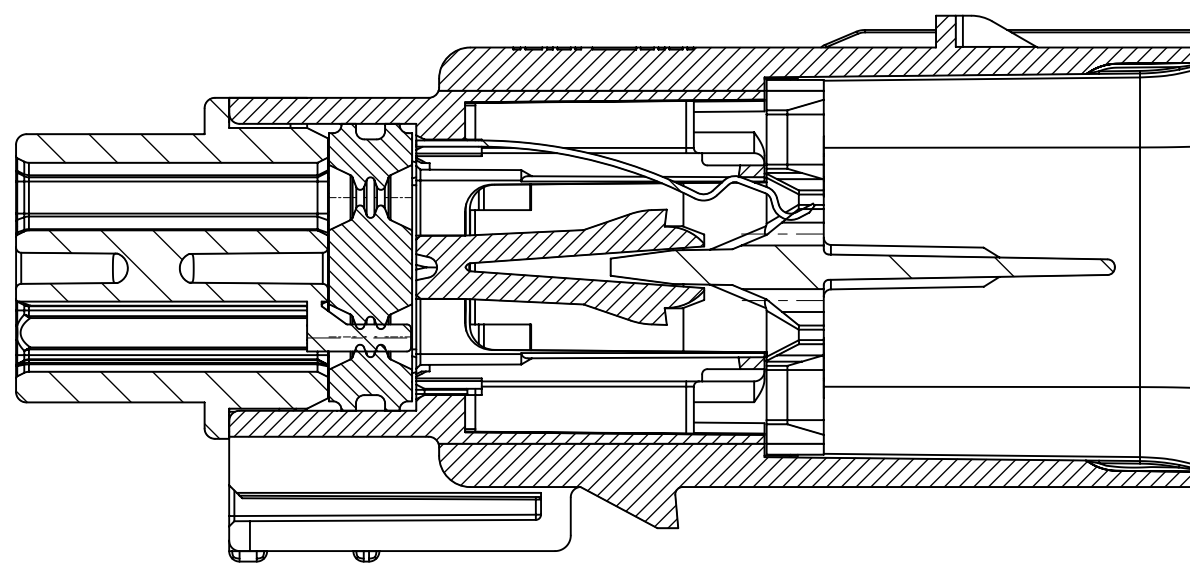


SHORTING BAR (SB) CIRCUITS ARE
IDENTIFIED BY THE GROMMET CAP
OPENING FEATURE SHOWN ABOVE.

CLIP SLOT OPTION B
SEE BOM FOR APPLICABLE
PART NUMBERS



PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN PRE-STAGED POSITION
SECTION Z-Z



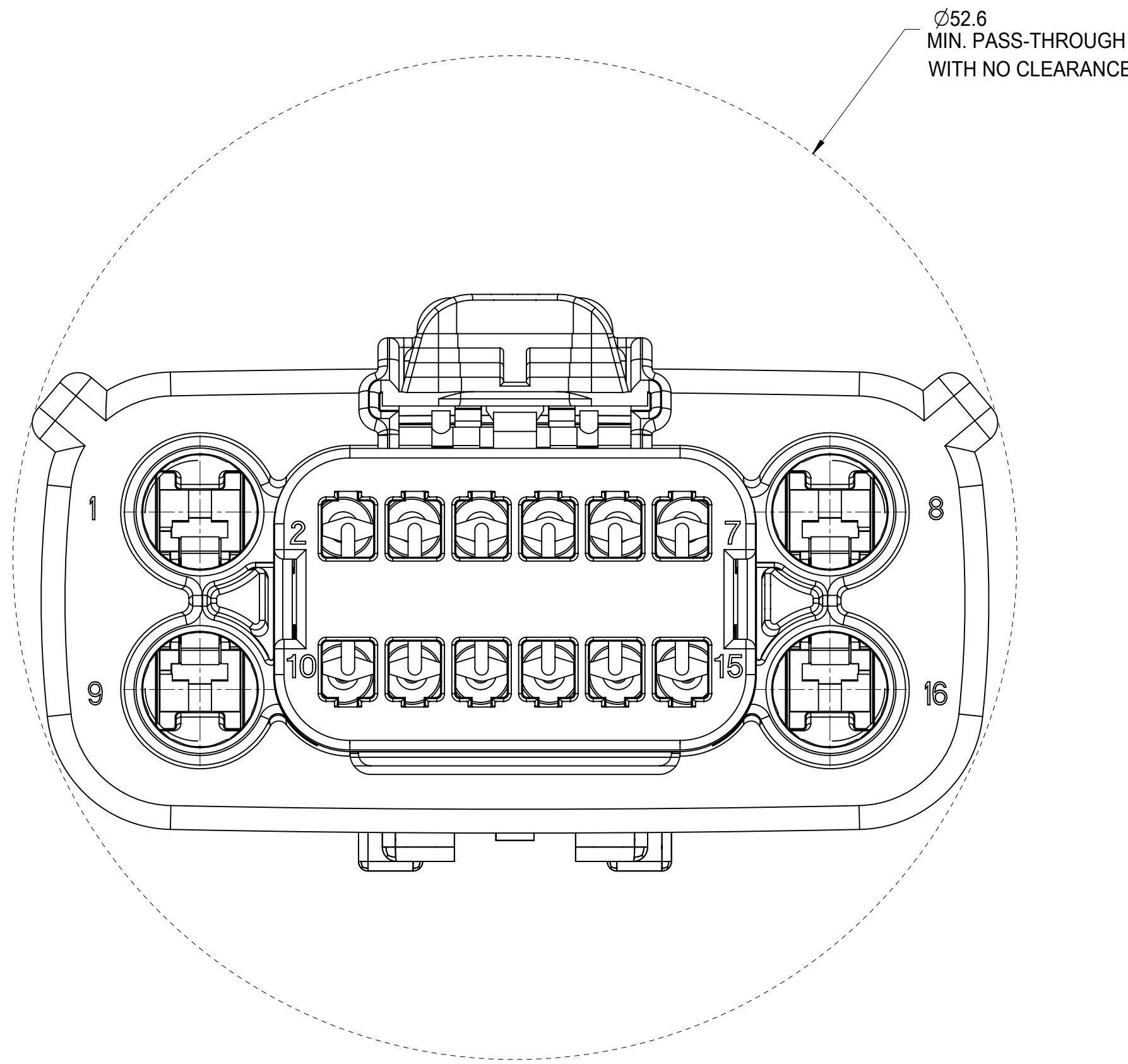
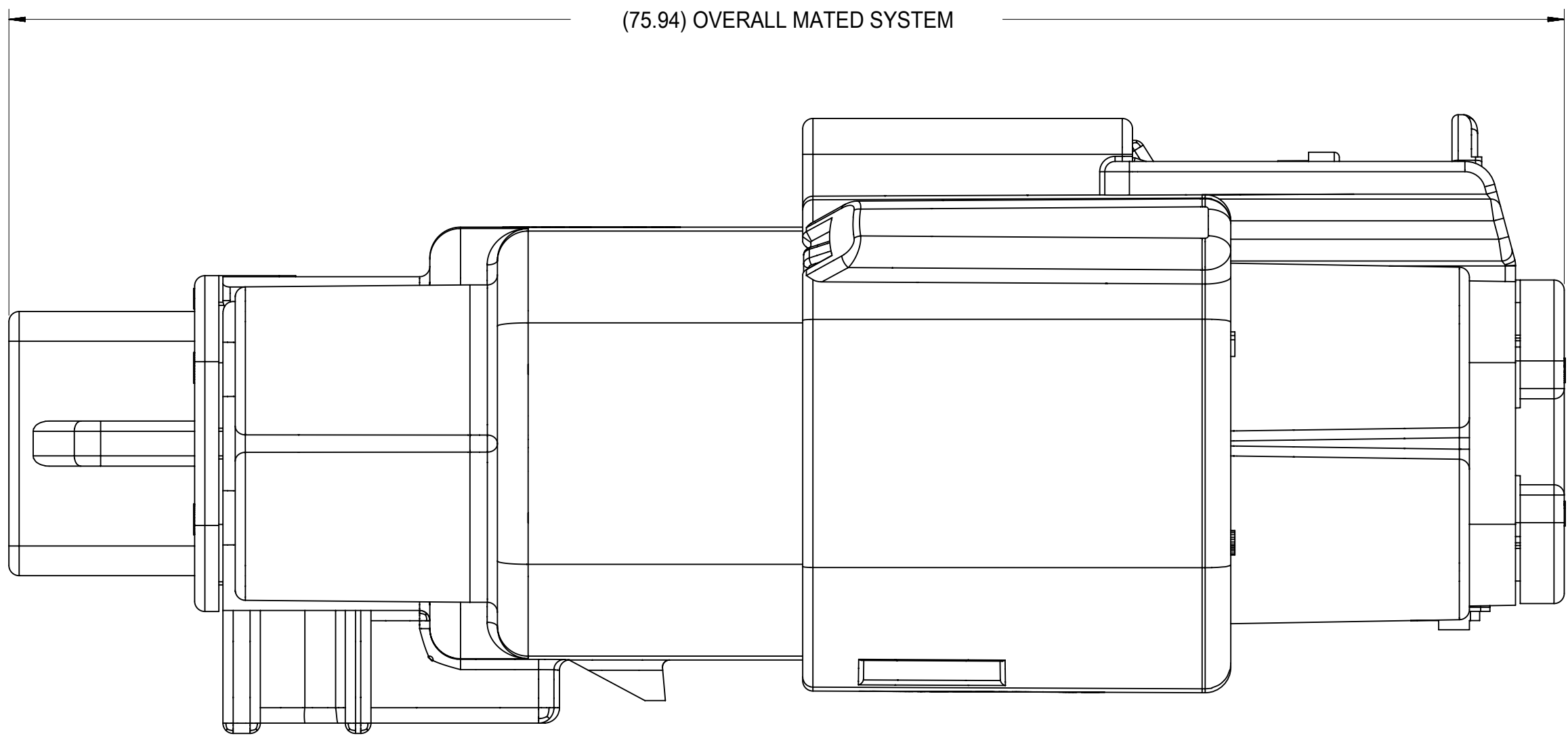
PRIMARY LOCK REINFORCEMENT (PLR) SHOWN
IN FINAL-LOCK POSITION
SECTION V-V

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION															
 = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:					molex						
	mm		3:1													
 = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 177763					MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY						
 = 0																
 = 0	ANGULAR TOL ± 3.0 °				DRWN: LSONG05 2018/05/30											
 = 0	4 PLACES		±												CHK'D: MVANSLAMBROU 2018/06/12	
 = 0	3 PLACES		±		APPR: MVANSLAMBROU 2018/06/12											
 = 0	2 PLACES		± 0.1							INITIAL REVISION:						
 = 0	1 PLACE		± 0.3		DRWN: APROFFITT 2013/05/06											
 = 0	0 PLACES		±							APPR: VKOSHY 2013/05/16						
 = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES						MATERIAL NUMBER	
									A1-SIZE		34986		GENERAL MARKET		4 OF 5	

DOCUMENT STATUS	P1	RELEASE DATE	2018/06/12 12:37:30
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SHEET DESCRIPTION

SYSTEM PACKAGING



SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														
▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex							
	mm		3:1												
	GENERAL TOLERANCES (UNLESS SPECIFIED)														
	ANGULAR TOL ± 3.0 °														
	4 PLACES ±		EC NO: 177763			PRODUCT CUSTOMER DRAWING									
	3 PLACES ±		DRWN: LSONG05 2018/05/30												
	2 PLACES ± 0.1		CHK'D: MVANSLAMBROU 2018/06/12												
	1 PLACE ± 0.3		APPR: MVANSLAMBROU 2018/06/12												
	0 PLACES ±		INITIAL REVISION:												
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION
SD-34986-8001									PSD		001		C1		
MATERIAL NUMBER									CUSTOMER		SHEET NUMBER				
									GENERAL MARKET		5 OF 5				

MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY MAT SEAL (2.8mm CAVITIES OPEN)
BOM AND PIN OUT SHEET

FOR ADDITIONAL INFORMATION SEE SD-34986-8001

ABBREVIATION	DESCRIPTION	COLOR	MATERIAL
A-BLK	HOUSING, KEYING OPTION A	BLACK	SPS/NYLON GF20
B-LG	HOUSING, KEYING OPTION B	LIGHT GRAY	SPS/NYLON GF20
C-BR	HOUSING, KEYING OPTION C	BROWN	SPS/NYLON GF20
D-GR	HOUSING, KEYING OPTION D	GREEN	SPS/NYLON GF20
A-YW	HOUSING, KEYING OPTION A	YELLOW	SPS/NYLON GF20
C-DG	HOUSING, KEYING OPTION C	DARK GRAY	SPS/NYLON GF20
D-SG	HOUSING, KEYING OPTION D	STONE GRAY	SPS/NYLON GF20
E-BLK	HOUSING, KEYING OPTION E	BLACK	SPS/NYLON GF20
F-LG	HOUSING, KEYING OPTION F*	LIGHT GRAY	SPS/NYLON GF20
G-BR	HOUSING, KEYING OPTION G	BROWN	SPS/NYLON GF20
H-YW	HOUSING, KEYING OPTION H	YELLOW	SPS/NYLON GF20
GC-S	STANDARD GROMMET CAP	BLACK	SPS/NYLON GF20
GC-SB1	SHORTING BAR GROMMET CAP 1	BLACK	SPS/NYLON GF20
GC-SB2	SHORTING BAR GROMMET CAP 2	BLACK	SPS/NYLON GF20
GC-SB3	SHORTING BAR GROMMET CAP 3	BLACK	SPS/NYLON GF20
GC-SB4	SHORTING BAR GROMMET CAP 4	BLACK	SPS/NYLON GF20
GC-SB5	SHORTING BAR GROMMET CAP 5	BLACK	SPS/NYLON GF20
GC-SB6	SHORTING BAR GROMMET CAP 6	BLACK	SPS/NYLON GF20
SB	SHORTING BAR	GOLD PL	30100 STAINLESS STEEL
PLR	PLR	NATURAL	SPS/NYLON GF20
M	MAT SEAL	RUST RED	INHERENTLY LUBRICATED SILICONE

CLIPSLOT TYPE "A" STANDARD FOR ALL KEYING OPTIONS
*CLIPSLOT TYPE "B" OPTIONAL

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT					BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	SB QTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
KEY A, BLACK	34986-1601	A-BLK	GC-S	PLR	M																		SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-1602	B-LG	GC-S	PLR	M																		SALEABLE		349531610	NOT AVAILABLE
KEY C, BROWN	34986-1603	C-BR	GC-S	PLR	M																		NOT RECOMMENDED	SEE 34986-1959	349531610	NOT AVAILABLE
KEY D, GREEN	34986-1604	D-GR	GC-S	PLR	M																		NOT RECOMMENDED	SEE 34986-1960	349531610	NOT AVAILABLE
KEY A, YELLOW	34986-1605	A-YW	GC-S	PLR	M																		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1606	A-BLK	GC-S	PLR	M			2															SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-1607	B-LG	GC-S	PLR	M			2															SALEABLE		349531610	NOT AVAILABLE
KEY C, BROWN	34986-1608	C-BR	GC-S	PLR	M			2															NOT RECOMMENDED		349531610	NOT AVAILABLE
KEY D, GREEN	34986-1609	D-GR	GC-S	PLR	M			2															NOT RECOMMENDED		349531610	NOT AVAILABLE
KEY A, YELLOW	34986-1610	A-YW	GC-S	PLR	M															14			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1611	A-BLK	GC-S	PLR	M			2													15		SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-1612	B-LG	GC-S	PLR	M			2													15		SALEABLE		349531610	NOT AVAILABLE
KEY C, BROWN	34986-1613	C-BR	GC-S	PLR	M			2													15		NOT RECOMMENDED		349531610	NOT AVAILABLE
KEY D, GREEN	34986-1614	D-GR	GC-S	PLR	M			2													15		NOT RECOMMENDED		349531610	NOT AVAILABLE
KEY A, YELLOW	34986-1615	A-YW	GC-S	PLR	M							6	7			10	11			14			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1621	A-BLK	GC-S	PLR	M			2	3	4	5	6	7			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1626	A-BLK	GC-S	PLR	M			2	3			6											SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1631	A-BLK	GC-S	PLR	M				3			6											SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1636	A-BLK	GC-S	PLR	M							6											SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1641	A-BLK	GC-S	PLR	M								7						13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1646	A-BLK	GC-S	PLR	M			2	3			6	7						13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1651	A-BLK	GC-S	PLR	M							6	7						13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1656	A-BLK	GC-S	PLR	M				3			6					11						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1661	A-BLK	GC-S	PLR	M				3			6					11	12					SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1666	A-BLK	GC-S	PLR	M				3			6					11				15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1671	A-BLK	GC-S	PLR	M				3			6					11	12			15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1672	A-BLK	GC-S	PLR	M				3			6						12					SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1701	E-BLK	GC-SB1	PLR	M	2				SB	SB							SB	SB				SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1702	F-LG	GC-SB1	PLR	M	2				SB	SB							SB	SB				SALEABLE		349531610	NOT AVAILABLE
KEY G, BROWN, WITH S.B.	34986-1703	G-BR	GC-SB1	PLR	M	2				SB	SB							SB	SB				SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1704	H-YW	GC-SB1	PLR	M	2				SB	SB							SB	SB				SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1708	H-YW	GC-SB1	PLR	M	2		2		SB	SB							SB	SB		15		SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1710	H-YW	GC-SB1	PLR	M	2			3	SB	SB	6	7			10	11	SB	SB	14			SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1712	H-YW	GC-SB1	PLR	M	2		2	3	SB	SB	6	7			10	11	SB	SB	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1714	E-BLK	GC-SB2	PLR	M	1				SB	SB												SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-1715	B-LG	GC-S	PLR	M					4								12					SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1716	A-BLK	GC-S	PLR	M					4								12					SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1717	A-BLK	GC-S	PLR	M			2								10		12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1718	A-BLK	GC-S	PLR	M			2	3							10		12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1719	A-BLK	GC-S	PLR	M			2		4			7								15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1720	A-BLK	GC-S	PLR	M			2					7			10				14			SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1721	F-LG	GC-SB2	PLR	M	1		2	3	SB	SB	6	7						13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1722	F-LG	GC-SB2	PLR	M	1				SB	SB	6											SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1723	F-LG	GC-SB2	PLR	M	1		2	3	SB	SB	6							13				SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1724	F-LG	GC-SB2	PLR	M	1				SB	SB	6											SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1725	F-LG	GC-SB2	PLR	M	1		2		SB	SB	6				10	11	12					SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1726	F-LG	GC-SB2	PLR	M	1				SB	SB	6						12					SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1727	F-LG	GC-SB2	PLR	M	1				SB	SB					10							SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1728	F-LG	GC-SB2	PLR	M	1			2	3	SB	SB	6			10							SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY	34986-1729	F-LG	GC-S	PLR	M			2	3	4	5	6				10							SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-1731	F-LG	GC-SB2	PLR	M	1				SB	SB												SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1732	A-BLK	GC-S	PLR	M			2	3	4								11	12		14		SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1733	E-BLK	GC-SB3	PLR	M	4				SB	SB	SB	SB			SB	SB	SB	SB				SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1734	E-BLK	GC-SB4	PLR	M	3			3	SB	SB	SB	SB				11	SB	SB	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1739	E-BLK	GC-SB1	PLR	M	2				SB	SB					10	11	SB	SB	14			SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1740	E-BLK	GC-SB1	PLR	M	2				SB	SB	6	7			10	11	SB	SB	14			SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1741	E-BLK	GC-SB1	PLR	M	2				SB	SB							SB	SB	14	15		SALEABLE		349531610	NOT AVAILABLE



MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY MAT SEAL (2.8mm CAVITIES OPEN)
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT					BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY				
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS			
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	SB QTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16							
KEY E, BLACK, WITH S.B.	34986-1742	E-BLK	GC-SB1	PLR	M	2					SB	SB							SB	SB	14			SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1743	A-BLK	GC-S	PLR	M							5	6											SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1744	A-BLK	GC-S	PLR	M								6						13	14	15			SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1745	A-BLK	GC-S	PLR	M						3		6							13	14			SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1746	A-BLK	GC-S	PLR	M								6						11		14			SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1747	A-BLK	GC-S	PLR	M				2		3			6					11		14	15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1748	A-BLK	GC-S	PLR	M				2					6					11		14	15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1749	A-BLK	GC-S	PLR	M								6				10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1750	A-BLK	GC-S	PLR	M													11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE		
KEY B, LIGHT GRAY	34986-1751	B-LG	GC-S	PLR	M							5								13	14	15		SALEABLE		349531610	NOT AVAILABLE		
KEY B, LIGHT GRAY	34986-1752	B-LG	GC-S	PLR	M							5								13	14			SALEABLE		349531610	NOT AVAILABLE		
KEY E, BLACK, WITH S.B.	34986-1753	E-BLK	GC-SB1	PLR	M	2					SB	SB							SB	SB		15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1754	A-BLK	GC-S	PLR	M				2						7			10	11					SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1755	A-BLK	GC-S	PLR	M				2						7					13		15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1756	A-BLK	GC-S	PLR	M						3			6	7					13				SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1757	A-BLK	GC-S	PLR	M				2		3			6										SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1758	A-BLK	GC-S	PLR	M				2		3			6								14		SALEABLE		349531610	NOT AVAILABLE		
KEY E, BLACK, WITH S.B.	34986-1759	E-BLK	GC-SB4	PLR	M	3			2		3		SB	SB	SB	SB			SB	SB	14	15		SALEABLE		349531610	NOT AVAILABLE		
KEY E, BLACK, WITH S.B.	34986-1760	E-BLK	GC-SB4	PLR	M	3					SB	SB	SB	SB	SB				SB	SB				SALEABLE		349531610	NOT AVAILABLE		
KEY F, LIGHT GRAY, WITH S.B.	34986-1761	F-LG	GC-SB2	PLR	M	1					SB	SB	SB						12	13	14			SALEABLE		349531610	NOT AVAILABLE		
KEY H, YELLOW, WITH S.B.	34986-1762	H-YW	GC-SB1	PLR	M	2					SB	SB							SB	SB				SALEABLE		349531610	NOT AVAILABLE		
KEY H, YELLOW, WITH S.B.	34986-1763	H-YW	GC-SB1	PLR	M	2					SB	SB							SB	SB	14			SALEABLE		349531610	NOT AVAILABLE		
KEY F, LIGHT GRAY, WITH S.B.	34986-1764	F-LG	GC-SB2	PLR	M	1					SB	SB	SB	6	7			10	11	12	13	14		SALEABLE		349531610	NOT AVAILABLE		
KEY F, LIGHT GRAY, WITH S.B.	34986-1765	F-LG	GC-SB2	PLR	M	1					SB	SB	SB	6				10	11	12	13	14		SALEABLE		349531610	NOT AVAILABLE		
KEY H, YELLOW, WITH S.B.	34986-1766	H-YW	GC-SB1	PLR	M	2					SB	SB	SB	6	7			10	11	SB	SB	14		SALEABLE		349531610	NOT AVAILABLE		
KEY H, YELLOW, WITH S.B.	34986-1767	H-YW	GC-SB1	PLR	M	2					SB	SB	6				10	11	SB	SB	14			SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1768	A-BLK	GC-S	PLR	M					3			5	6					11			15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1769	A-BLK	GC-S	PLR	M								6								14			SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1770	A-BLK	GC-S	PLR	M										7					12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-1771	A-BLK	GC-S	PLR	M				2						7					12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY H, YELLOW, WITH S.B.	34986-1772	H-YW	GC-SB2	PLR	M	1					SB	SB							12	13				SALEABLE		349531610	NOT AVAILABLE		
KEY H, YELLOW, WITH S.B.	34986-1773	H-YW	GC-SB2	PLR	M	1			2			SB	SB	SB						12	13		15		SALEABLE		349531610	NOT AVAILABLE	
KEY H, YELLOW, WITH S.B.	34986-1774	H-YW	GC-SB2	PLR	M	1					3	SB	SB	SB	6	7			10	11	12	13	14		SALEABLE		349531610	NOT AVAILABLE	
KEY H, YELLOW, WITH S.B.	34986-1775	H-YW	GC-SB2	PLR	M	1				2	3	SB	SB	SB	6	7			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1776	A-BLK	GC-S	PLR	M				2		3							10	11			14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-1777	A-BLK	GC-S	PLR	M				2		3				7			10	11	12		14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-1778	A-BLK	GC-S	PLR	M				2		BLK		4	5	6	7			10	11	12		14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1779	A-BLK	GC-S	PLR	M				2		3											15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1780	A-BLK	GC-S	PLR	M				2			4			7			10	11		13		15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-1781	A-BLK	GC-S	PLR	M				2		3		5				10			13		15		SALEABLE		349531610	NOT AVAILABLE		
KEY E, BLACK, WITH S.B.	34986-1782	E-BLK	GC-SB4	PLR	M	3					SB	SB	SB	SB					SB	SB	14	15		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1783	A-BLK	GC-S	PLR	M				2		3								11	12		14		SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1784	A-BLK	GC-S	PLR	M				2						</														



MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY MAT SEAL (2.8mm CAVITIES OPEN)
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT					BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY		
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	SB QTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
KEY A, BLACK	34986-1832	A-BLK	GC-S	PLR	M											10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-1833	A-BLK	GC-S	PLR	M							6	7											SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-1834	B-LG	GC-S	PLR	M				3	4	5													SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-1835	B-LG	GC-S	PLR	M				3	4	5					10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY B, LIGHT GRAY	34986-1836	B-LG	GC-S	PLR	M						5													SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1837	A-BLK	GC-S	PLR	M				3							10	11							SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK	34986-1838	E-BLK	GC-S	PLR	M											10	11				14			SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK	34986-1839	E-BLK	GC-S	PLR	M							6	7			10	11			14				SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1840	H-YW	GC-SB5	PLR	M	5		SB	SB	SB	SB	SB	SB			SB	SB	SB	SB					SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1841	A-BLK	GC-S	PLR	M															14				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1842	A-BLK	GC-S	PLR	M													12						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1843	A-BLK	GC-S	PLR	M						5					10		12						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1844	A-BLK	GC-S	PLR	M			2		4								12						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1845	A-BLK	GC-S	PLR	M								7						13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1846	A-BLK	GC-S	PLR	M			2	3	4	5	6	7				11	12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1847	A-BLK	GC-S	PLR	M			2	3	4	5							12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1848	A-BLK	GC-S	PLR	M			2	3	4	5						11	12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1849	A-BLK	GC-S	PLR	M						5	6	7					13	14	15				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1850	A-BLK	GC-S	PLR	M			2			5	6	7			10			13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1851	A-BLK	GC-S	PLR	M			2					7			10			13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1852	A-BLK	GC-S	PLR	M			2	3	4			7			10	11	12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1853	A-BLK	GC-S	PLR	M				3	4	5	6	7				11	12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1854	A-BLK	GC-S	PLR	M			2		4	5					10		12						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1855	A-BLK	GC-S	PLR	M			2	3							10								SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1856	A-BLK	GC-S	PLR	M			2					7			10	11		13		15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1857	A-BLK	GC-S	PLR	M													12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1858	A-BLK	GC-S	PLR	M														13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1859	A-BLK	GC-S	PLR	M					3						10			13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1860	A-BLK	GC-S	PLR	M					3						10	11		13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1861	A-BLK	GC-S	PLR	M			2	3	4	5	6	7					12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1862	A-BLK	GC-S	PLR	M			2		4			7						13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1863	A-BLK	GC-S	PLR	M			2					7						13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1864	A-BLK	GC-S	PLR	M					3	4		7			10	11		13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1865	A-BLK	GC-S	PLR	M					3	4					10	11	12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1866	A-BLK	GC-S	PLR	M					3	4		6	7		10	11		13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1867	A-BLK	GC-S	PLR	M							6						12						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1868	A-BLK	GC-S	PLR	M					3			6	7										SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1869	A-BLK	GC-S	PLR	M			2					7							14				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1870	A-BLK	GC-S	PLR	M			2				6						12						SALEABLE		349531610	NOT AVAILABLE
KEY E, BLACK, WITH S.B.	34986-1871	E-BLK	GC-SB1	PLR	M	2		2	3	SB	SB	6	7			10	11	SB	SB	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1872	A-BLK	GC-S	PLR	M				3							10	11	12	13	14	15			SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1873	H-YW	GC-SB2	PLR	M	1		2	3	SB	SB	6	7			10	11	12	13	14				SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1874	H-YW	GC-SB2	PLR	M	1		2	3	SB	SB	6	7			10	11	12	13					SALEABLE		349531610	NOT AVAILABLE
KEY H, YELLOW, WITH S.B.	34986-1875	H-YW	GC-SB																								



MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY MAT SEAL (2.8mm CAVITIES OPEN)
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT					BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY					
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS				
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	SB QTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16								
KEY A, BLACK	34986-1925	A-BLK	GC-S	PLR	M						6	7						13	14	15		SALEABLE		349531610	NOT AVAILABLE					
KEY A, BLACK	34986-1926	A-BLK	GC-S	PLR	M							7				10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1927	A-BLK	GC-S	PLR	M			2		3	4	5	6					12	13	14	15		SALEABLE		349531610	NOT AVAILABLE				
KEY B, LIGHT GRAY	34986-1928	B-LG	GC-S	PLR	M			2	3	4	5	6	7			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE				
KEY B, LIGHT GRAY	34986-1929	B-LG	GC-S	PLR	M							7											SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1930	A-BLK	GC-S	PLR	M			2				5	6			10	11	12	13		15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1931	A-BLK	GC-S	PLR	M			2		4	5					10		12	13				SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1932	A-BLK	GC-S	PLR	M			2		4								12	13				SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1933	A-BLK	GC-S	PLR	M			2					6					12	13	14	15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1934	A-BLK	GC-S	PLR	M						5	6	7			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1935	A-BLK	GC-S	PLR	M				3	4			6			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1936	A-BLK	GC-S	PLR	M						5						11		13		15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1937	A-BLK	GC-S	PLR	M			2				5				10	11		13		15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1938	A-BLK	GC-S	PLR	M				2				6			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1939	A-BLK	GC-S	PLR	M					4	5							12			15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1940	A-BLK	GC-S	PLR	M					3	4				7		10	11	12		14	15		SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1941	A-BLK	GC-S	PLR	M																15		SALEABLE		349531610	NOT AVAILABLE				
KEY A, BLACK	34986-1942	A-BLK	GC-S	PLR	M			2	3			5			7		10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1943	A-BLK	GC-S	PLR	M								6	7				11		13				SALEABLE		349531610	NOT AVAILABLE			
KEY B, LIGHT GRAY	34986-1944	B-LG	GC-S	PLR	M					4														SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1945	A-BLK	GC-S	PLR	M				3	4						10	11	12						SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1946	A-BLK	GC-S	PLR	M								6					11		13				SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1947	A-BLK	GC-S	PLR	M			2	3				6					11		13				SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1948	A-BLK	GC-S	PLR	M					4											14				SALEABLE		349531610	NOT AVAILABLE		
KEY B, LIGHT GRAY	34986-1949	B-LG	GC-S	PLR	M					4															SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1950	A-BLK	GC-S	PLR	M									7			10			13	14	15		SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1951	A-BLK	GC-S	PLR	M									7					13	14	15				SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1952	A-BLK	GC-S	PLR	M												10			13	14				SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1953	A-BLK	GC-S	PLR	M									7			10			13		15			SALEABLE		349531610	NOT AVAILABLE		
KEY H, YELLOW, WITH S.B.	34986-1954	H-YW	GC-SB1	PLR	M	2		2	3	SB	SB								SB	SB	15			SALEABLE		349531610	NOT AVAILABLE			
KEY A, BLACK	34986-1955	A-BLK	GC-S	PLR	M															13					SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1956	A-BLK	GC-S	PLR	M							6							12	13	14	15			SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1957	A-BLK	GC-S	PLR	M									7					13		15				SALEABLE		349531610	NOT AVAILABLE		
KEY A, BLACK	34986-1958	A-BLK	GC-S	PLR	M											10			13						SALEABLE		349531610	NOT AVAILABLE		
KEY C, DARK GRAY	34986-1959	C-DG	GC-S	PLR	M																				SALEABLE		349531610	NOT AVAILABLE		
KEY D, STONE GRAY	34986-1960	D-SG	GC-S	PLR	M																				SALEABLE		349531610	NOT AVAILABLE		
KEY A, YELLOW	34986-1961	A-YW	GC-S	PLR	M			2													15				SALEABLE		349531610	NOT AVAILABLE		
KEY F, LIGHT GRAY	34986-1962	F-LG	GC-S	PLR	M					4	5	6	7			10	11	12	13	14	15				SALEABLE		349531610	NOT AVAILABLE		
KEY F, LIGHT GRAY, WITH S.B.	34986-1963	F-LG	GC-SB1	PLR	M	2		2	3	SB	SB	6	7						SB	SB	14	15				SALEABLE		349531610	NOT AVAILABLE	
KEY F, LIGHT GRAY, WITH S.B.	34986-1964	F-LG	GC-SB1	PLR	M	2				SB	SB	6	7							SB	SB	14	15				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-1965	A-BLK	GC-S	PLR	M				3		5						10	11	12							SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-1966	A-BLK	GC-S	PLR	M			2	3	4	5						10	11	12	13		15				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-1967	A-BLK	GC-S	PLR	M			2	3				6					11								SALEABLE		349531610	NOT AVAILABLE	
KEY B, LIGHT GRAY	34986-1968	B-LG	GC-S	PLR	M					4																				



MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY MAT SEAL (2.8mm CAVITIES OPEN)
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT					BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY	
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	SB QTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
KEY A, BLACK	34986-2014	A-BLK	GC-S	PLR	M			2	3			6	7			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-2015	B-LG	GC-S	PLR	M			2	3								11	12	13				SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-2016	B-LG	GC-S	PLR	M			2	3			6	7			10	11	12	13				SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-2017	B-LG	GC-S	PLR	M			2	3														SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2018	A-BLK	GC-S	PLR	M			2				6				10							SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2019	A-BLK	GC-S	PLR	M								7			10	11	12	13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2020	A-BLK	GC-S	PLR	M			2	3	4	5	6					11		13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2021	A-BLK	GC-S	PLR	M			2					7				11		13	14			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2022	A-BLK	GC-S	PLR	M				3	4	5	6				10	11	12	13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2023	A-BLK	GC-S	PLR	M						5	6					11		13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2024	A-BLK	GC-S	PLR	M			2		4						10							SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2025	A-BLK	GC-S	PLR	M			2	3	4		6	7			10	11	12		14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2026	A-BLK	GC-S	PLR	M			2	3		5	6				10	11	12	13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2027	A-BLK	GC-S	PLR	M							6					11				15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2028	A-BLK	GC-S	PLR	M			2	3	4		6				10	11	12		14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2029	A-BLK	GC-S	PLR	M			2	3		5	6	7			10			13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-2030	B-LG	GC-S	PLR	M			2	3											14	15		SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-2031	B-LG	GC-S	PLR	M			2	3								11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-2032	B-LG	GC-S	PLR	M												11		13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2033	A-BLK	GC-S	PLR	M				3				7			10	11				15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2034	A-BLK	GC-S	PLR	M						5		7					12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2035	A-BLK	GC-S	PLR	M				3		5		7			10	11				15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2036	A-BLK	GC-S	PLR	M			2			5	6	7						13	14			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2037	A-BLK	GC-S	PLR	M			2					7						13	14			SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-2038	F-LG	GC-SB1	PLR	M	2				SB	SB							SB	SB				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2039	A-BLK	GC-S	PLR	M				3			6	7								15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2040	A-BLK	GC-S	PLR	M			2			5	6				10	11						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2041	A-BLK	GC-S	PLR	M											10							SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2042	A-BLK	GC-S	PLR	M			2			5	6					11						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2043	A-BLK	GC-S	PLR	M			2	3				7			10							SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2044	A-BLK	GC-S	PLR	M			2	3			6	7			10			13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY	34986-2045	F-LG	GC-S	PLR	M					4	5	6	7			10	11	12	13		15		SALEABLE		349531610	NOT AVAILABLE
KEY F, LIGHT GRAY, WITH S.B.	34986-2046	F-LG	GC-SB1	PLR	M	2				SB	SB					10	11	SB	SB		15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2047	A-BLK	GC-S	PLR	M			2	3	4	5	6				10	11	12	13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2048	A-BLK	GC-S	PLR	M				3		5					10							SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2049	A-BLK	GC-S	PLR	M			2		4		6				10			12	13			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2050	A-BLK	GC-S	PLR	M			2		4		6						12	13				SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2051	A-BLK	GC-S	PLR	M			2		4			7				11	12					SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2052	A-BLK	GC-S	PLR	M			2		4			7				11						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2053	A-BLK	GC-S	PLR	M				3	4	5					10	11						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2054	A-BLK	GC-S	PLR	M			2			5	6				10	11		13	14			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2055	A-BLK	GC-S	PLR	M			2								10	11		13	14			SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2056	A-BLK	GC-S	PLR	M						5	6	7				11						SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2057	A-BLK	GC-S	PLR	M			2		4						10	11						SALEABLE		349531610	NOT AVAILABLE
KEY B, LIGHT GRAY	34986-2058	B-LG	GC-S	PLR	M			2	3			6	7													



MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY MAT SEAL (2.8mm CAVITIES OPEN)
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT					BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTACHMENTS SOLD SEPERATELY		
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS	
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	SB QTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16					
KEY A, BLACK	34986-2106	A-BLK	GC-S	PLR	M			2					7											SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2107	A-BLK	GC-S	PLR	M			2			4	5	6	7			10	11	12					SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2108	A-BLK	GC-S	PLR	M			2				5							12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2109	A-BLK	GC-S	PLR	M			2	3			5							12	13	14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2111	A-BLK	GC-S	PLR	M			2								10	11		13	14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2112	A-BLK	GC-S	PLR	M												11			14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2113	A-BLK	GC-S	PLR	M			2	3								11			14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2114	A-BLK	GC-S	PLR	M							6				10			13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2115	A-BLK	GC-S	PLR	M				3	4							11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2116	A-BLK	GC-S	PLR	M				3	4		6					11	12	13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2117	A-BLK	GC-S	PLR	M				3	4		6				10	11	12	13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2118	A-BLK	GC-S	PLR	M			2	3										13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2119	A-BLK	GC-S	PLR	M											10			13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2120	A-BLK	GC-S	PLR	M														13		15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2121	A-BLK	GC-S	PLR	M				3			5	6	7		10	11		13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2122	A-BLK	GC-S	PLR	M							6	7				11			14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2123	A-BLK	GC-S	PLR	M												11			14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2124	A-BLK	GC-S	PLR	M			2	3			6	7							14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2125	A-BLK	GC-S	PLR	M			2				5	7			10	11	12		14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2126	A-BLK	GC-S	PLR	M							6	7								15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2127	A-BLK	GC-S	PLR	M				3			5	6	7		10			13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2128	A-BLK	GC-S	PLR	M			2										12	13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2129	A-BLK	GC-S	PLR	M			2	3			5		7				12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2130	A-BLK	GC-S	PLR	M			2				5		7				12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2131	A-BLK	GC-S	PLR	M			2									11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2132	A-BLK	GC-S	PLR	M			2	3			5		7			11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2133	A-BLK	GC-S	PLR	M			2				5		7		10	11	12	13	14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2134	A-BLK	GC-S	PLR	M			2	3					7									SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2135	A-BLK	GC-S	PLR	M			2	3				6			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2136	A-BLK	GC-S	PLR	M			2	3	4	5									14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2137	A-BLK	GC-S	PLR	M			2	3					7		10	11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2138	A-BLK	GC-S	PLR	M			2	3	4	5	6	7						13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2139	A-BLK	GC-S	PLR	M				3			5	6										SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2140	A-BLK	GC-S	PLR	M			2	3				6	7									SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2141	A-BLK	GC-S	PLR	M			2	3											14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2142	A-BLK	GC-S	PLR	M							5	6							14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2143	A-BLK	GC-S	PLR	M				3	4		5	6			10	11	12	13		15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2144	A-BLK	GC-S	PLR	M							5		7				12	13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2145	A-BLK	GC-S	PLR	M													12		14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2146	A-BLK	GC-S	PLR	M							5						12	13		15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2147	A-BLK	GC-S	PLR	M			2	3			5		7				12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2148	A-BLK	GC-S	PLR	M			2				5	6							14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2149	A-BLK	GC-S	PLR	M												11		13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2150	A-BLK	GC-S	PLR	M					3	4		5	6		10			12			15	SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2151	A-BLK	GC-S	PLR	M							5		7				12					SALEABLE		349531610		



MX150 16 WAY HYBRID BLADE SEALED ASSEMBLY MAT SEAL (2.8mm CAVITIES OPEN)
BOM AND PIN OUT SHEET

ASSEMBLY DESCRIPTION	ASSEMBLY PART NUMBER	COMPONENT					BLOCKED TERMINALS																STATUS	COMMENTS	OPTIONAL ATTATCHMENTS SOLD SEPERATELY			
		THE PRESENCE OF AN ABBREVIATION INDICATES THE PRESENCE OF THAT COMPONENT.					CAVITY WITH A NUMBER INDICATES BLOCKED TERMINAL POSITION CAVITY WITHOUT A NUMBER INDICATES OPEN TERMINAL POSITION																		BACKSHELL WITH RIBS	BACKSHELL WITHOUT RIBS		
		HOUSING KEY/COLOR	GROMMET CAP	PLR	MAT SEAL	SB QTY	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16						
KEY A, BLACK	34986-2197	A-BLK	GC-S	PLR	M			2	3					7			10		12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2198	A-BLK	GC-S	PLR	M			2						7			10				14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2199	A-BLK	GC-S	PLR	M				3	4							10				14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY F, LIGHT GRAY	34986-2200	F-LG	GC-S	PLR	M					4	5								12	13		15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2201	A-BLK	GC-S	PLR	M					3											14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2202	A-BLK	GC-S	PLR	M			2									10	11						SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2203	A-BLK	GC-S	PLR	M			2			4								12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2204	A-BLK	GC-S	PLR	M			2			4	5		7			10				14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2205	A-BLK	GC-S	PLR	M			2			4	5									14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2206	A-BLK	GC-S	PLR	M									7					12		14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2207	A-BLK	GC-S	PLR	M						4	5	6				10		12	13	14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2208	A-BLK	GC-S	PLR	M					3		5												SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2209	A-BLK	GC-S	PLR	M			2			4						10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY H, YELLOW, WITH S.B.	34986-2210	H-YW	GC-SB6	PLR	M	6			SB	SB	SB	SB	SB	SB			SB	SB	SB	SB	SB	SB		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2211	A-BLK	GC-S	PLR	M						4	5	6									15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2212	A-BLK	GC-S	PLR	M												10	11				14	15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2213	A-BLK	GC-S	PLR	M			2					6								14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2214	A-BLK	GC-S	PLR	M			2					6				10	11			14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2215	A-BLK	GC-S	PLR	M			2	3			5	6				10	11						SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2216	A-BLK	GC-S	PLR	M					3	4				7			11	12			15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2217	A-BLK	GC-S	PLR	M					3	4			6	7			11	12		14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2218	A-BLK	GC-S	PLR	M			2									10	11		13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2219	A-BLK	GC-S	PLR	M			2									10					15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2220	A-BLK	GC-S	PLR	M			2									10							SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2221	A-BLK	GC-S	PLR	M								6									15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2222	A-BLK	GC-S	PLR	M						4	5		7					12	13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2223	A-BLK	GC-S	PLR	M							5	6						12	13				SALEABLE		349531610	NOT AVAILABLE	
KEY B, LIGHT GRAY	34986-2224	B-LG	GC-S	PLR	M									7			10	11	12	13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY B, LIGHT GRAY	34986-2225	B-LG	GC-S	PLR	M					3	4			6					12					SALEABLE		349531610	NOT AVAILABLE	
KEY B, LIGHT GRAY	34986-2226	B-LG	GC-S	PLR	M								6						12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2227	A-BLK	GC-S	PLR	M						4	5		7						13	14	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2228	A-BLK	GC-S	PLR	M													11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2229	A-BLK	GC-S	PLR	M						4		6	7			10							SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2230	A-BLK	GC-S	PLR	M					3	4	5	6	7			10	11						SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2231	A-BLK	GC-S	PLR	M			2					6				10	11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2232	A-BLK	GC-S	PLR	M			2	3	4	5	6					10	11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2233	A-BLK	GC-S	PLR	M					3		5	6	7			10	11			13		15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2234	A-BLK	GC-S	PLR	M					3		5	6				10	11			13		15		SALEABLE		349531610	NOT AVAILABLE
KEY A, BLACK	34986-2235	A-BLK	GC-S	PLR	M						3		5	6	7			10	11	12				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2236	A-BLK	GC-S	PLR	M			2									10	11	12	13	14			SALEABLE		349531610	NOT AVAILABLE	
KEY B, LIGHT GRAY	34986-2237	B-LG	GC-S	PLR	M																	15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2238	A-BLK	GC-S	PLR	M			2	3	4		6						11	12					SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2239	A-BLK	GC-S	PLR	M					3	4	5					10		12	13		15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2240	A-BLK	GC-S	PLR	M					3												15		SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2241	A-BLK	GC-S	PLR	M							5	6				10			13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2242	A-BLK	GC-S	PLR	M			2				5	6				10			13				SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2243	A-BLK	GC-S	PLR	M					3		5	6				10			13	14			SALEABLE		349531610	NOT AVAILABLE	
KEY A, BLACK	34986-2244	A-BLK</																										