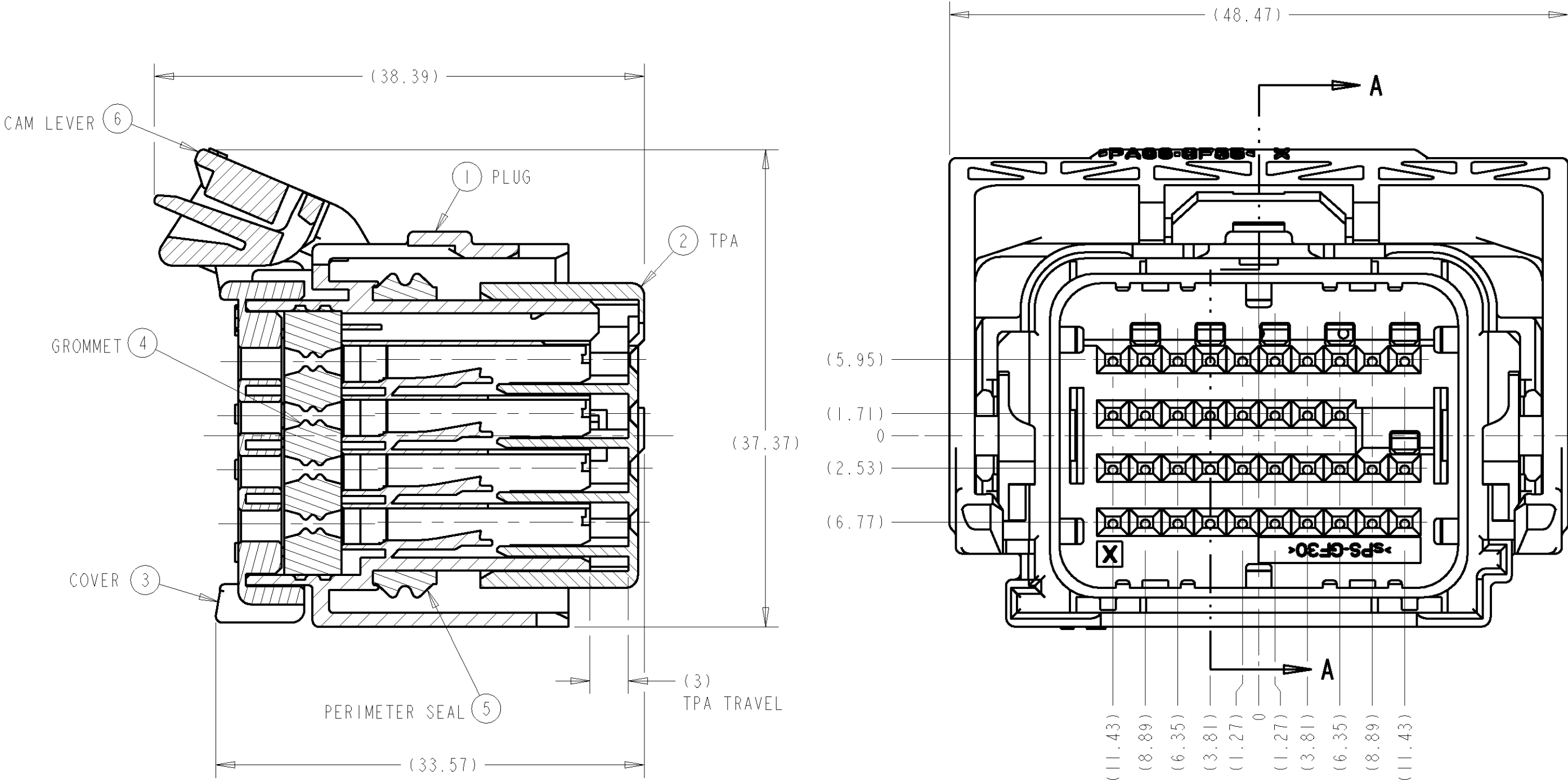
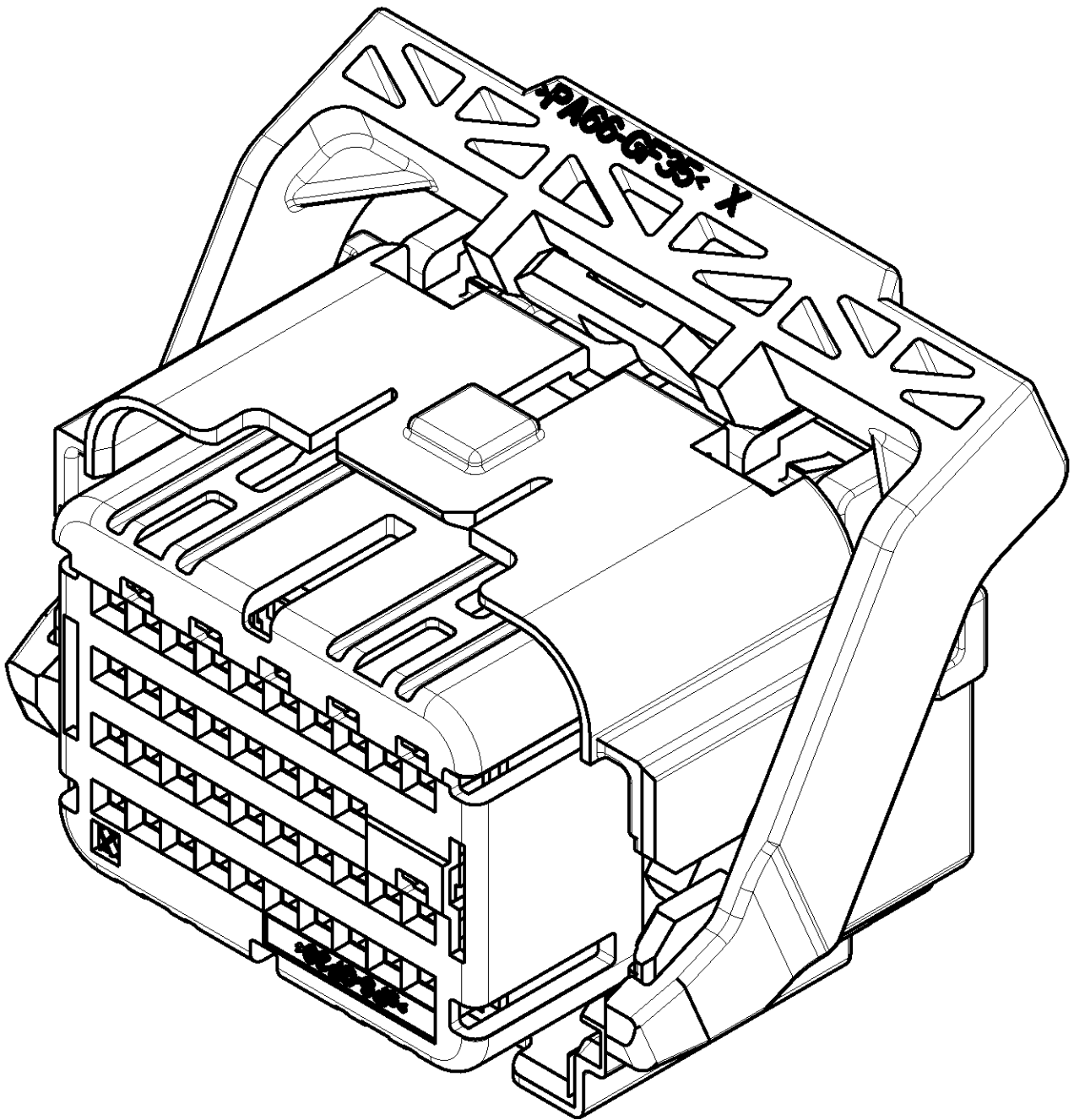


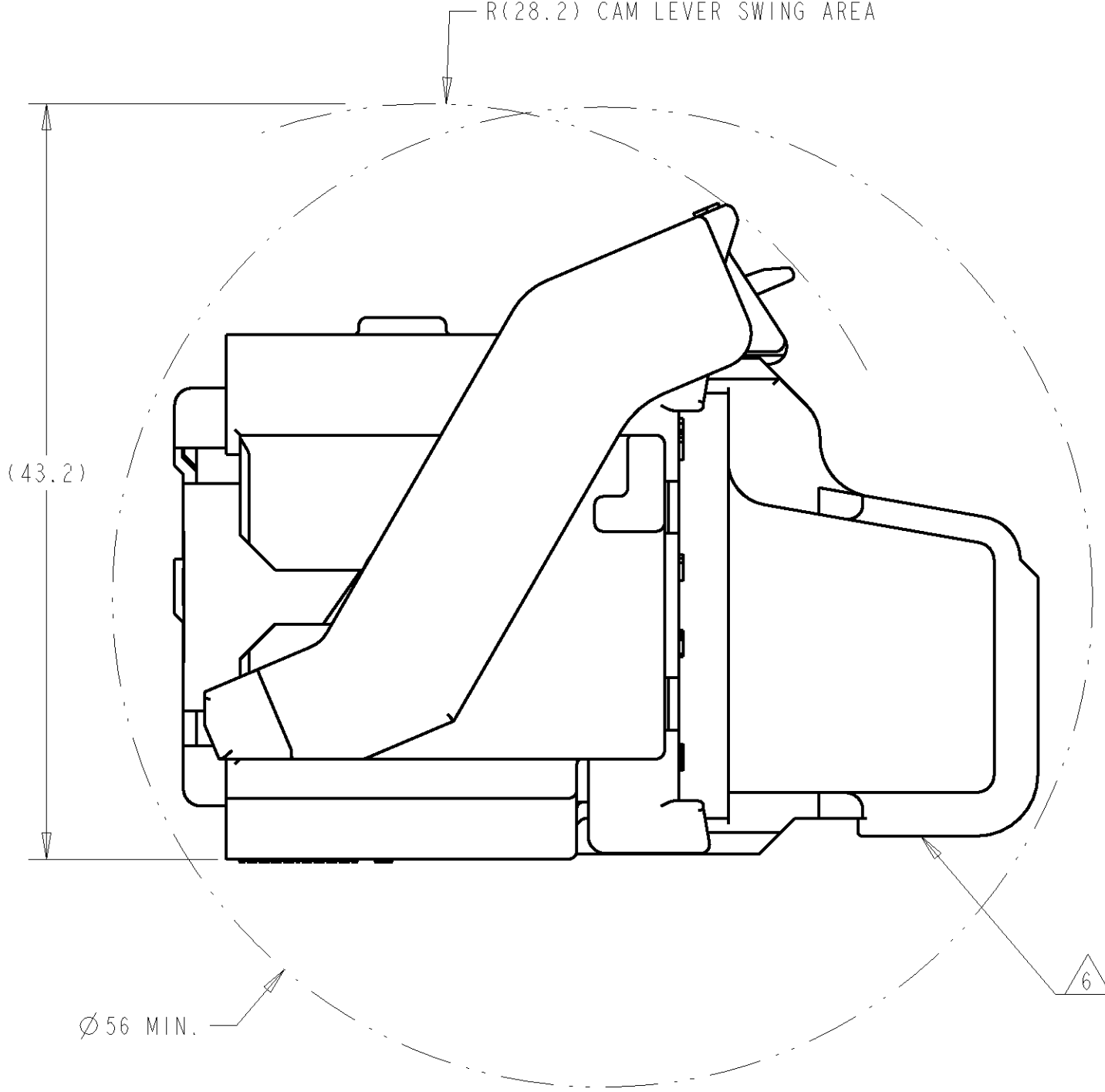
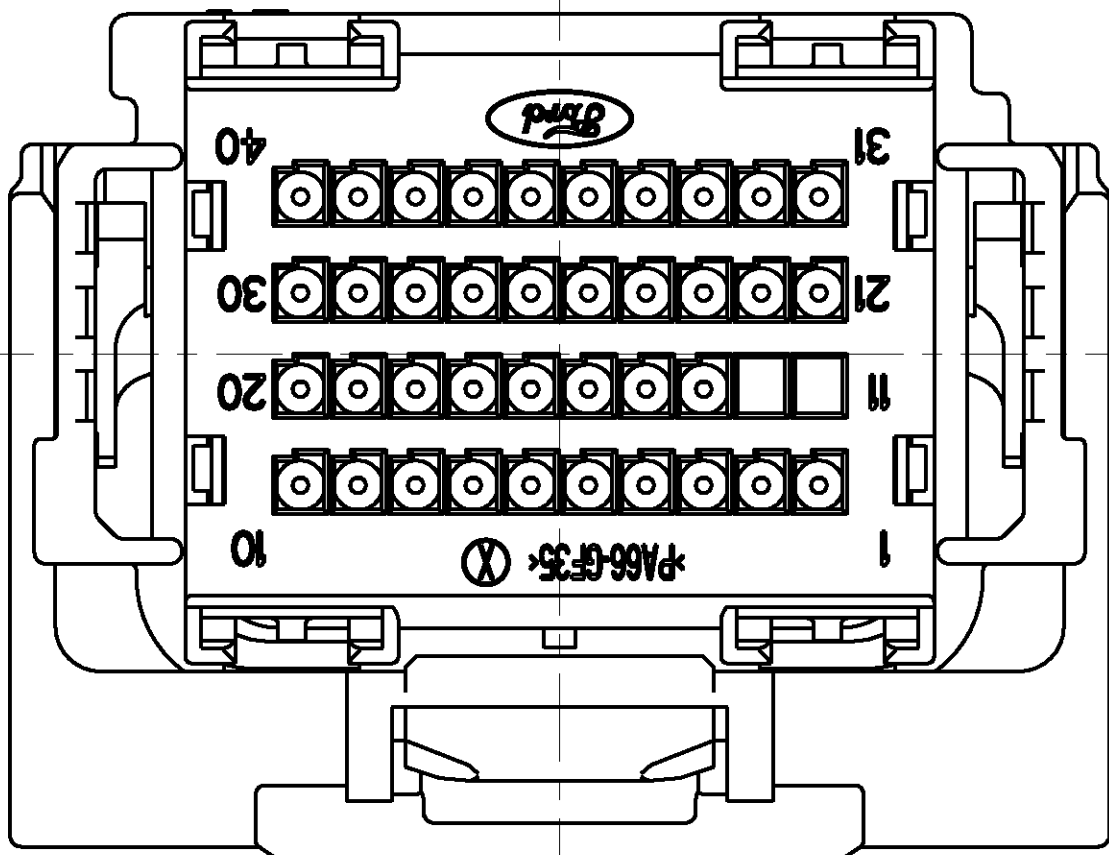
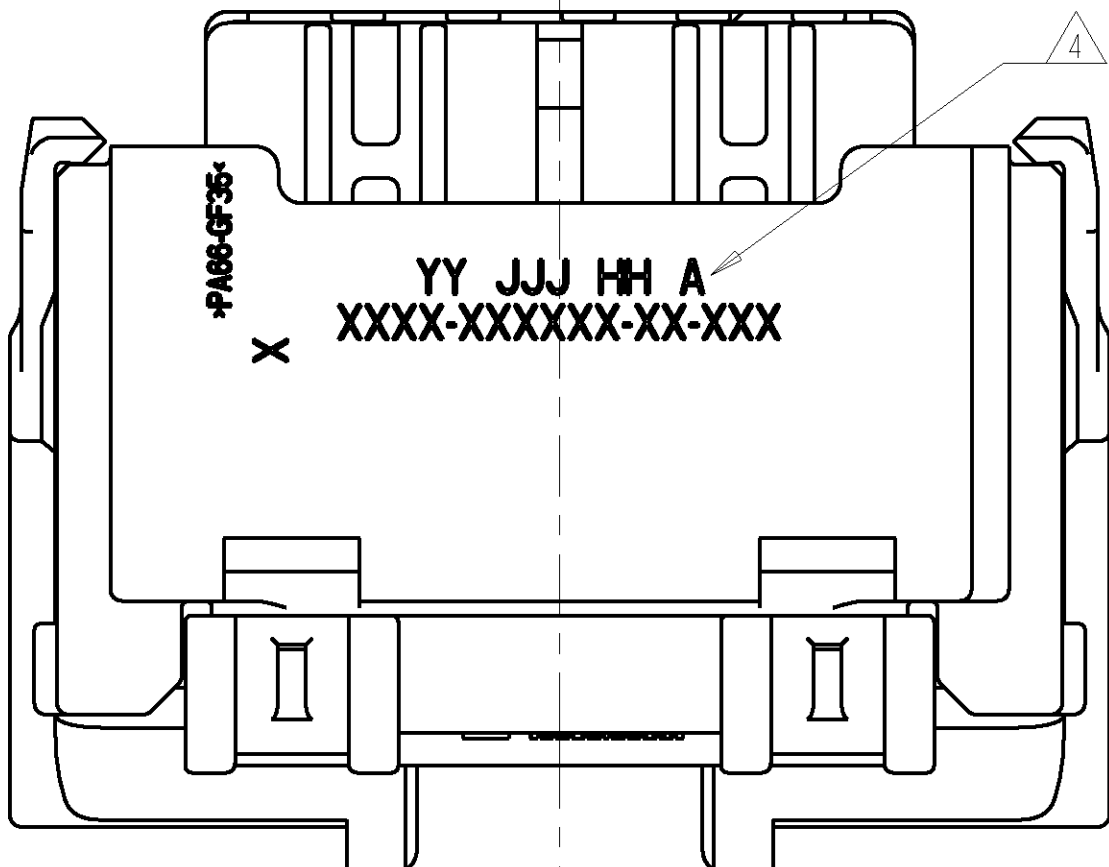
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FX		00		REV	LYR	DESCRIPTION	DATE	DWN	APVD
				D1		REVISED PER ECR 07-029132	07JAN2008	DLD	WTW
				E		REVISED PER ECR 07-030366	08JAN2008	DLD	WTW
				F		REVISED PER ECO 08-006962	19MAR2008	DLD	WTW



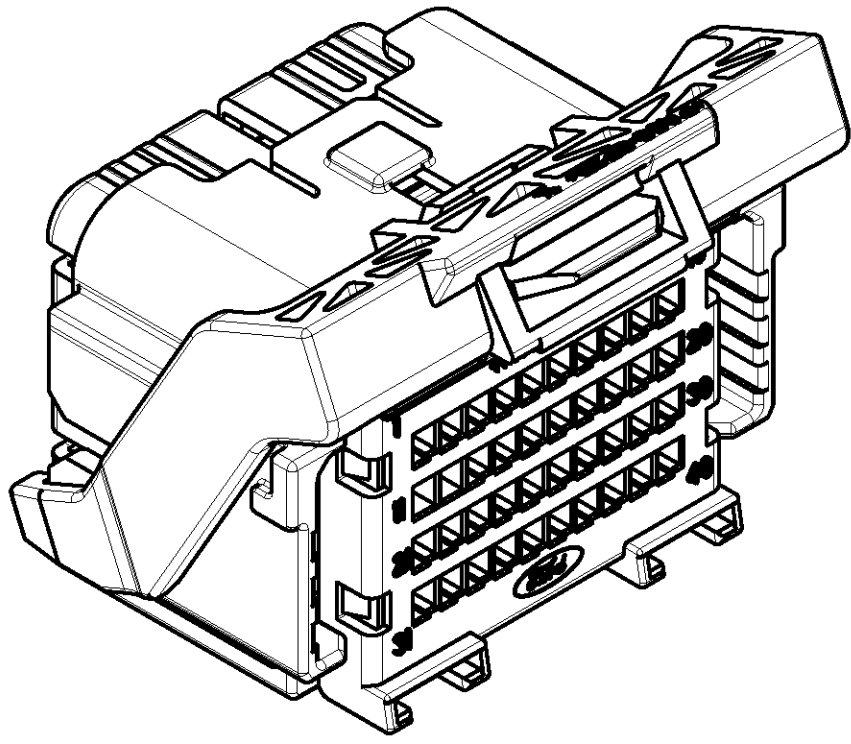
SECTION A-A
SHOWN WITH CAM LEVER
AND TPA IN THEIR
PRE-LOADED POSITIONS
(DELIVERY CONDITION)



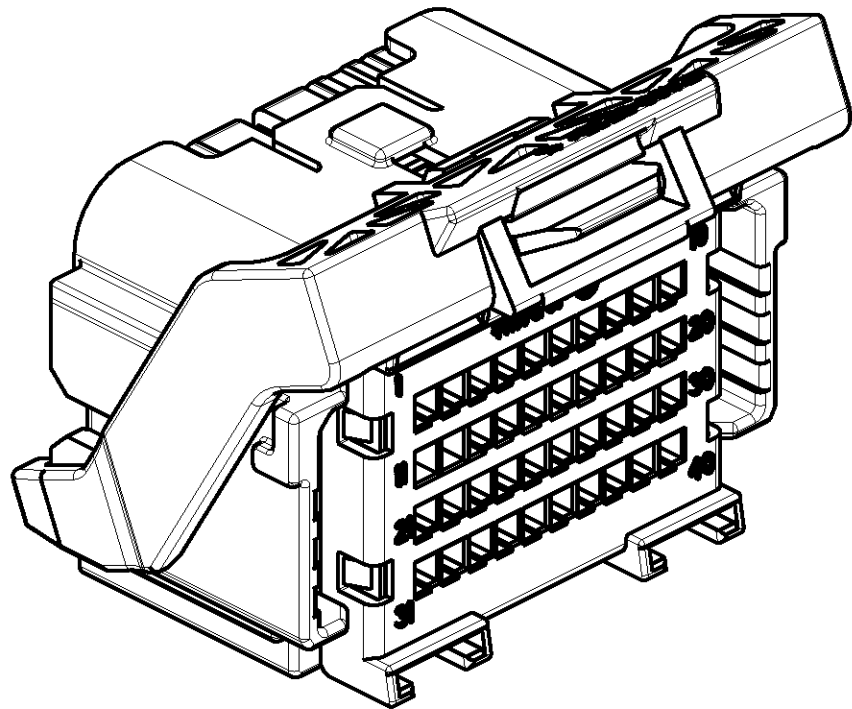
- NOTE(S):
1. APPLICABLE TERMINAL PART NUMBERS (SOLD SEPARATELY):
FOR TIN APPLICATIONS: 1393367 AND 1393366.
FOR GOLD APPLICATIONS: 1393365 AND 1393364.
FOR TERMINATION AND REELING OPTIONS
SEE DRAWINGS 1393367, 1393366, 1393365, AND 1393364.
 2. COMPATIBLE WIRE SIZES FOR MAT SEAL DESIGN 1.19 TO 2.06 O.D.
(22-18 AWG, 0.35-0.75 mm2)
 3. TPA AND CAM LEVER ARE SHIPPED IN THEIR PRE-LOADED POSITION.
ALL ASSEMBLIES ARE TO BE TRAY PACKAGED.
 4. CUSTOMER PART NUMBER AND TRACEABILITY CODE (YY = TWO DIGIT YEAR,
JJJ = JULIAN DAY, HH = TWO DIGIT MILITARY HOUR, A=ASSEMBLY PROCESS
USED) ARE PRINTED IN THIS LOCATION.
 5. PART ASSEMBLY WEIGHT WITHOUT TERMINALS AND WITH STANDARD PIN-OUT
CONFIGURATION IS 26.09 GRAMS.
 6. OPTIONAL WIRESHIELD P/N 8-1419157-8 (SOLD SEPARATELY). PLEASE CONTACT
YOUR TYCO ELECTRONICS SALES REPRESENTATIVE FOR AVAILABILITY AND PRICING.



MINIMUM FEED THROUGH CONDITION
WITH 1mm CLEARANCE ALL AROUND
SHOWN WITH OPTION WIRESHIELD
TPA IS IN IT'S LOADED POSITION
CAM LEVER IS IN IT'S PRE-LOADED POSITION

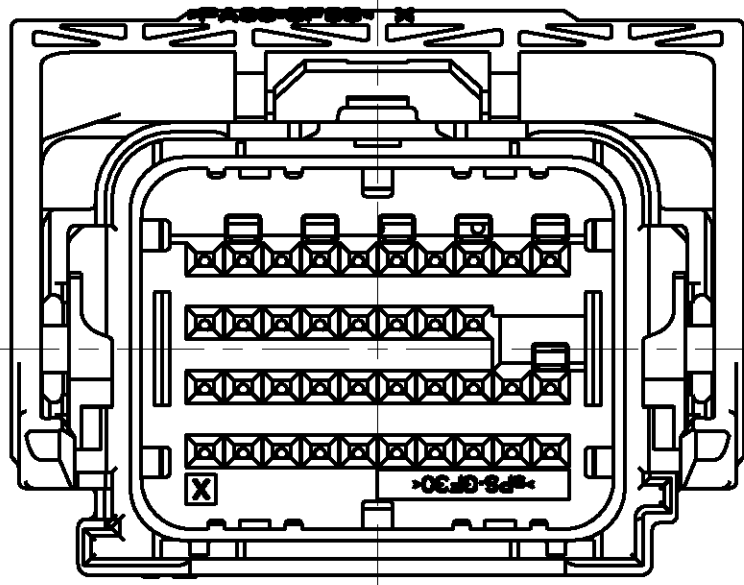


SCALE 2:1

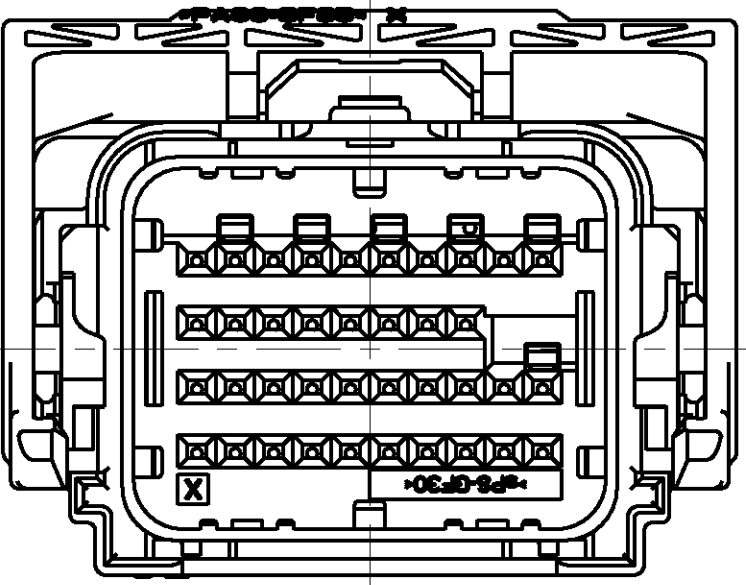


THIS VIEW SHOWS THE
MODIFIED CAM LEVER
SCALE 2:1

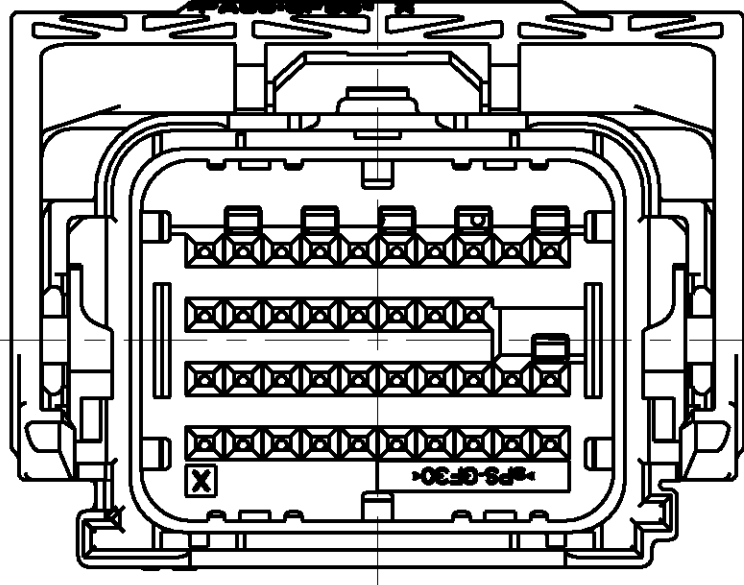
KEYING OPTIONS
SCALE 2:1



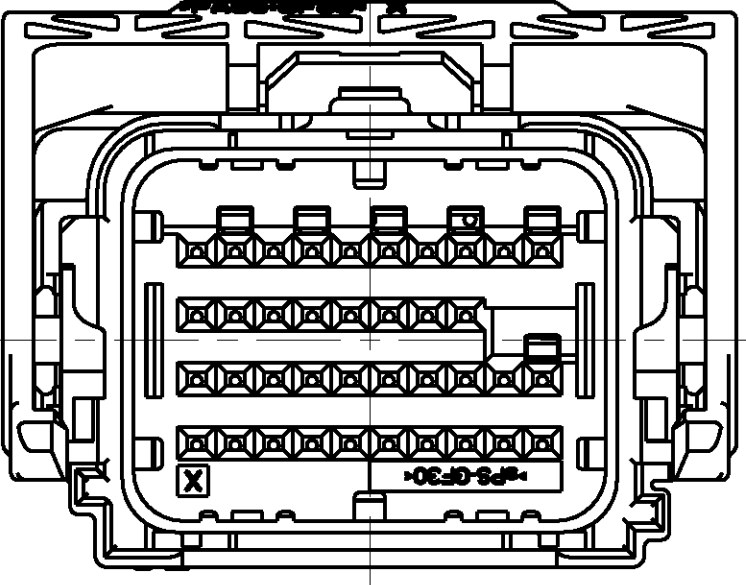
OPTION "G"



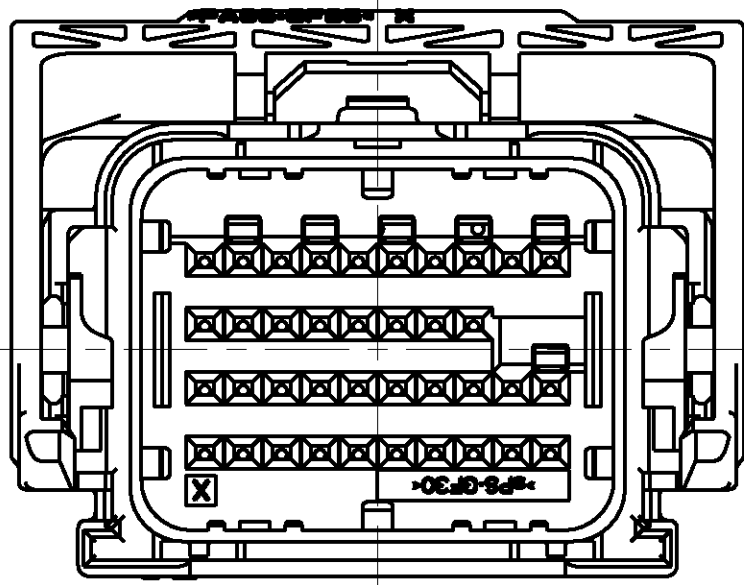
OPTION "H"



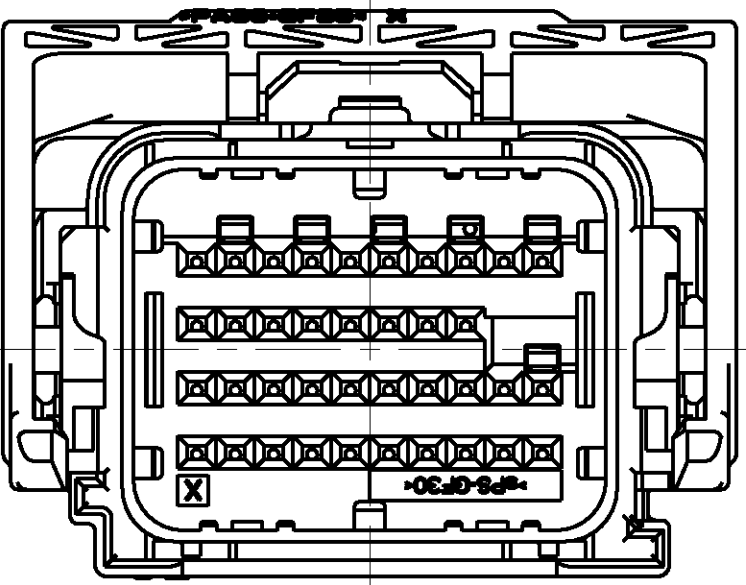
OPTION "J"



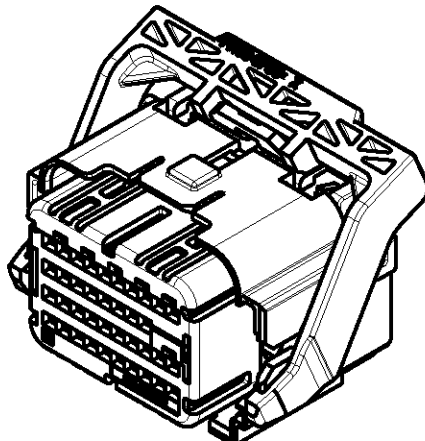
OPTION "K"



OPTION "L"



OPTION "M"



SCALE 1:1

KEYING OPTION "G" SHOWN
SEE SHEET 2 FOR BILL OF MATERIALS
AND SHEET 3, 4 AND 5 FOR PIN-OUT CHARTS

TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN		Tyco Electronics	
DIMENSIONS:		A. HOLT		Tyco Electronics	
mm		14NOV2006		Harrisburg, PA 17105-3608	
0 PLC		W. WELLINSKY		NAME	
1 PLC		14NOV2006		40 WAY SHORTING BAR ARM	
2 PLC		W. WELLINSKY		PLUG ASSEMBLY	
3 PLC		PRODUCT SPEC		WITHOUT SHORTING BARS LOADED	
4 PLC		APPLICATION SPEC		SIZE	
ANGLES		WEIGHT		CAGE CODE	
FINISH		SEE NOTE 5		DRAWING NO	
MATERIAL		00779		RESTRICTED TO	
SEE CHART ON SHEET 2		CUSTOMER DRAWING		SCALE	
		3:1		SHEET	
		1		OF 5	
				REV	
				F	

[illegible][illegible]

THIS DRAWING IS THE PROPERTY OF THE COMPANY AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE WRITTEN PERMISSION OF THE COMPANY. IT IS TO BE USED ONLY FOR THE PROJECT AND QUANTITY SPECIFIED IN THE ORDER.		DWG. 14NOV2006 A. HOLT		 Tyco Electronics Harrisburg, PA 17105-3608	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC $\pm .01$ 2 PLC $\pm .02, .10$ 3 PLC $\pm .01$ 4 PLC $\pm .01$ ANGLES $\pm .5^\circ$		NAME 40 WAY SHORTING BAR ARM PLUG ASSEMBLY WITHOUT SHORTING BARS LOADED	
		CHG. 14NOV2006 W. WELLINSKY APP'D 14NOV2006 W. WELLINSKY		PRODUCT SPEC - APPLICATION SPEC	
MATERIAL SEE CHART ON SHEET 2		FINISH -		SIZE CAGE CODE DRAWING NO A1 00779 C 1924170	
WEIGHT -		CUSTOMER DRAWING		RESTRICTED TO -	
				SCALE 3:1 SHEET 2 OF 5 REV F	

LOC	DIST	REVISIONS						
FX	00	P	LTR	DESCRIPTION	DATE	DWN	APVD	
		-	-	SEE SHEET 1	-	-	-	

PIN OUT CHART																																												
BLANK CAVITIES INDICATE OPEN TERMINAL HOLE POSITIONS																																												
CAVITIES WITH A NUMERIC SYMBOL INDICATE CLOSED TERMINAL HOLE POSITIONS																																												
TERMINAL HOLE POSITION																																								ASSEMBLY PART NUMBER		KEYING OPTION		
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											11	12										21	22						27	28	29	30					35	36	37	38	39	40	0-1924170-1	G
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							7	8	9	10	11	12	13	14	15	16																				35	36	37	38	39	40	0-1924170-4	G	
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LOC	DIST	REVISIONS						
FX	00	-	LTR	DESCRIPTION	DATE	DWN	APVD	
		-	SEE SHEET 1	-	-	-		

PIN OUT CHART																																												
BLANK CAVITIES INDICATE OPEN TERMINAL HOLE POSITIONS																																												
CAVITIES WITH A NUMERIC SYMBOL INDICATE CLOSED TERMINAL HOLE POSITIONS																																												
TERMINAL HOLE POSITION																																								ASSEMBLY PART NUMBER	KEYING OPTION			
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Mouser Electronics

Authorized Distributor

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[1924171-3](#)