

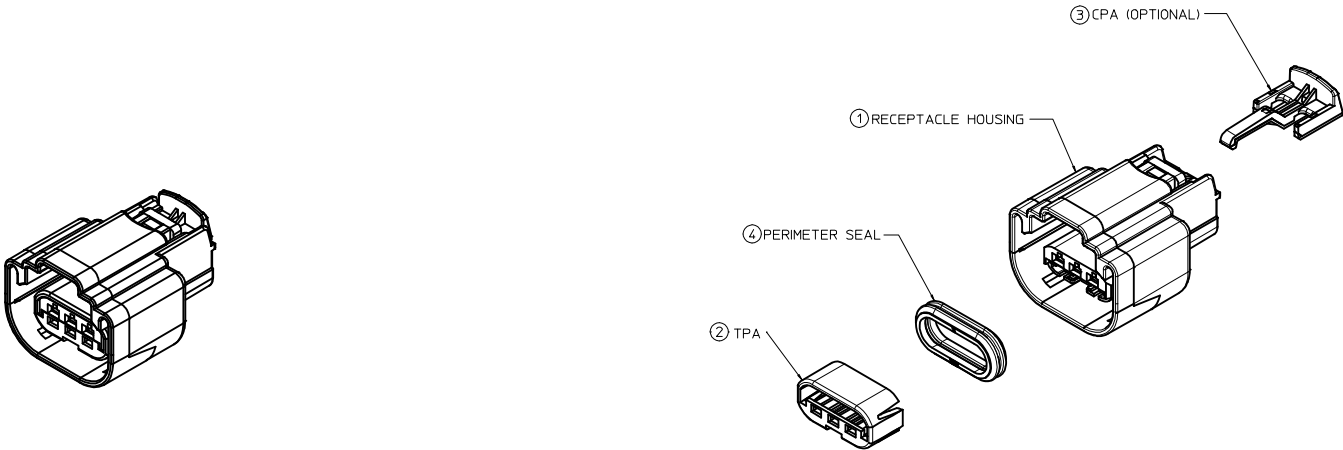
TABLE OF CONTENTS	
SHEET NO.	MATERIAL NUMBER
1	NOTES AND BOM
2	KEY CONFIGURATIONS
3	RECEPTACLE CONNECTOR ASSEMBLY

22	34083-2003	RIGHT	TN	22	E-1644-01	119-165	PNK
22	34083-3003	LEFT	TN	22			
22	34081-3005	RIGHT	GOLD	22			
22	34081-3005	LEFT	GOLD	22	E-1644-02	160-210	GREEN
20	34083-2002	RIGHT	TN	18/20			
20	34083-3002	LEFT	TN	18/20			
20	34081-2004	RIGHT	GOLD	18/20			
20	34081-3004	LEFT	GOLD	18/20			
18	34083-2002	RIGHT	TN	18/20			
18	34083-3002	LEFT	TN	18/20	E-1644-02	210-250	YELLOW
18	34081-2004	RIGHT	GOLD	18/20			
18	34081-3004	LEFT	GOLD	18/20			
16	34083-2001	RIGHT	TN	16			
16	34083-3001	LEFT	TN	16			
16	34081-2003	RIGHT	GOLD	16			
16	34081-3003	LEFT	GOLD	16			
AWG	PART NUMBER	PAYOFF DIRECTION	PLATING	GRIP	QSR P/N	WIRE OD RANGE	COLOR
WIRE SIZE	TERMINAL *PREFERRED* (SEE NOTE 5 FOR OPTIONAL TERMINALS)				CABLE SEAL (QSR)		

UNLESS OTHERWISE SPECIFIED:

- PART CONFORMS TO SAE/USCAR-2 REV. 4 (05/04), EXCEPT AS FOLLOWS:
- DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN USCAR/EWCAP DRAWING NO 150-S-003-1-Z02, ALL OPTION A-D, REV A, DATED 10/19/99. ALSO WITH THE DEVICE CONNECTION AS SPECIFIED IN USCAR/EWCAP DRAWING NO 150-S-003-1-Z01, ALL OPTION A-D, REV D, DATED 10/15/02.
- ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION (SEE SECTION A-A PRELOCK). UPON FULL TERMINAL ASSEMBLY, TPA MUST BE SNAPPED INTO ITS FINAL LOCK POSITION AFTER TERMINALS ARE ASSEMBLED.
- OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLE FOR SPECIFIC ASSEMBLY OPTION AND NUMBER.
- FOR PREFERRED TERMINALS SEE MOLEX DRAWING SD-34083-002 FOR OPTIONAL TERMINALS SEE MOLEX DRAWING SD-34083-001

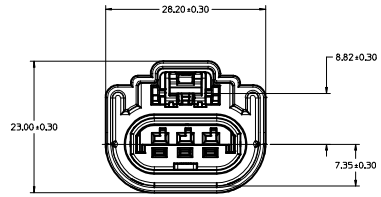
OPTIONAL LATCH	1600733119	B	BLACK	YES	150-S-003-1-B01	N/A	SALEABLE	N/A
	1600733118	D	BLACK	NONE	N/A	150-S-003-1-D02	SALEABLE	N/A
	1600733117	B	BLACK		150-S-003-1-B01	N/A	SALEABLE	N/A
	1600733116	D	ST GREY		N/A	150-S-003-1-D02	SALEABLE	N/A
	1600733115	C	OK GREY	YES	N/A	150-S-003-1-C02	SALEABLE	N/A
	1600733114	B	LT GREY		N/A	150-S-003-1-B02	SALEABLE	N/A
	1600733113	A	BLACK		N/A	150-S-003-1-A02	SALEABLE	N/A
	1600733112	D	ST GREY		N/A	150-S-003-1-D02	SALEABLE	N/A
	1600733111	C	OK GREY	NONE	N/A	150-S-003-1-C02	SALEABLE	N/A
	1600733110	B	LT GREY		N/A	150-S-003-1-B02	SALEABLE	N/A
	1600733109	A	BLACK		N/A	150-S-003-1-A02	SALEABLE	N/A
	1600733108	D	ST GREY		150-S-003-1-D01	N/A	SALEABLE	N/A
	1600733107	C	OK GREY	YES	150-S-003-1-C01	N/A	SALEABLE	N/A
	1600733106	B	LT GREY		150-S-003-1-B01	N/A	SALEABLE	N/A
	1600733105	A	BLACK		150-S-003-1-A01	N/A	SALEABLE	N/A
	1600733104	D	ST GREY	NONE	150-S-003-1-D01	N/A	SALEABLE	N/A
	1600733103	C	OK GREY		150-S-003-1-C01	N/A	SALEABLE	N/A
	1600733102	B	LT GREY		150-S-003-1-B01	N/A	SALEABLE	N/A
	1600733101	A	BLACK		150-S-003-1-A01	N/A	SALEABLE	N/A
	3425030668	D	BLACK		N/A	150-S-003-1-D02	OBsolete	SEE 1600733112 OR 1600733118
	342503052	D	GREY		N/A	150-S-003-1-D02	OBsolete	SEE 1600733112
	342503051	C	BROWN	NONE	N/A	150-S-003-1-C02	OBsolete	SEE 1600733111
	342503048	B	GREY		150-S-003-1-B01	N/A	OBsolete	SEE 1600733102
	342503047	A	BLACK		150-S-003-1-A01	N/A	OBsolete	SEE 1600733101
	342503066	B	BLACK		N/A	150-S-003-1-B01	OBsolete	SEE 1600733102
	342503061	C	GREY		N/A	150-S-003-1-C01	OBsolete	SEE 1600733107
	342503057	D	BLACK		N/A	150-S-003-1-D02	OBsolete	SEE 1600733116
	342503056	D	GREY	YES	N/A	150-S-003-1-D02	OBsolete	SEE 1600733116
	342503055	B	BROWN		N/A	150-S-003-1-B02	OBsolete	SEE 1600733105
	342503052	B	GREY		150-S-003-1-B01	N/A	OBsolete	SEE 1600733106
	342503001	A	BLACK		150-S-003-1-A01	N/A	OBsolete	SEE 1600733105
	342503005	D	BLACK		150-S-003-1-D01	N/A	OBsolete	SEE 1600733106 OR 1600733119
	342500052	D	GREY		N/A	150-S-003-1-D02	OBsolete	SEE 1600733112
STANDARD	342500051	C	BROWN	NONE	N/A	150-S-003-1-C02	OBsolete	SEE 1600733111
	342500050	B	GREY		N/A	150-S-003-1-B02	OBsolete	SEE 1600733110
	342500049	A	BLACK		N/A	150-S-003-1-A02	OBsolete	SEE 1600733109
STANDARD	342500036	D	GREY		N/A	150-S-003-1-D02	OBsolete	SEE 1600733108
	342500035	B	BROWN		N/A	150-S-003-1-B02	OBsolete	SEE 1600733105
	342500034	A	GREY	YES	N/A	150-S-003-1-B02	OBsolete	SEE 1600733114
STANDARD	342500033	A	BLACK		N/A	150-S-003-1-A02	OBsolete	SEE 1600733113
	342500030	D	GREEN		150-S-003-1-D01		OBsolete	SEE 1600733104
	342500029	D	BROWN	NONE	150-S-003-1-D01		OBsolete	SEE 1600733103
STANDARD	342500018	B	GREY		150-S-003-1-B01		OBsolete	SEE 1600733102
	342500017	A	BLACK		150-S-003-1-A01		OBsolete	SEE 1600733101
	342500024	A	GREEN		150-S-003-1-D01		OBsolete	SEE 1600733108
STANDARD	342500003	C	BROWN	YES	150-S-003-1-C01		OBsolete	SEE 1600733107
	342500002	B	GREY		150-S-003-1-B01		OBsolete	SEE 1600733106
	342500001	A	BLACK		150-S-003-1-A01		OBsolete	SEE 1600733105
LATCH STYLE	ASSEMBLY P/N	KEY OPTION	HSG COLOR	CPA	MATES W/ USCAR DUAL KEY	MATES W/ USCAR SINGLE KEY	STATUS	COMMENTS



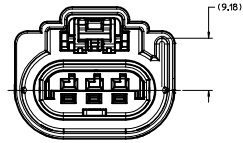
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	4 PLACES ± 0.10	mm INCH	DRAWN BY L.P.L.H	DATE 2003/09/03	TITLE RECEPTACLE ASSEMBLY 3-WAY USCAR CONNECTOR 15MM CABLE SEAL	
	3 PLACES ± 0.05	mm INCH	CHECKED BY	DATE		
	2 PLACES ± 0.10	mm INCH	APPROVED BY KDEKOSKI	DATE 2017/02/08		
1 PLACE ± 0.3		mm INCH	RATURAL NO.		MOLEX MOLEX INCORPORATED	
ANGULAR ± 3 °			SEE CHART		DOCUMENT NO. SD-160073-001	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SHEET NO. 1 OF 3

SHEET DESCRIPTION

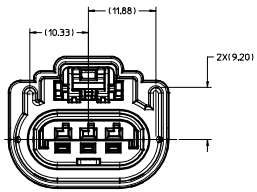
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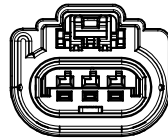
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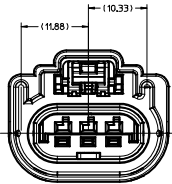
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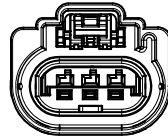
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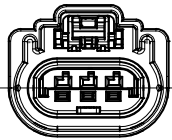
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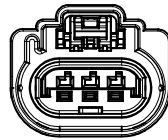
DUAL KEY OPTION "C"



SINGLE KEY OPTION "C"



DUAL KEY OPTION "D"

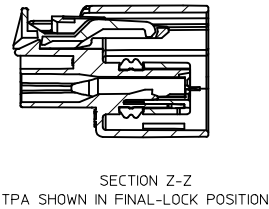
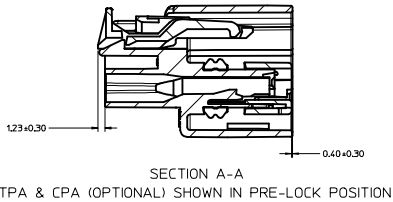
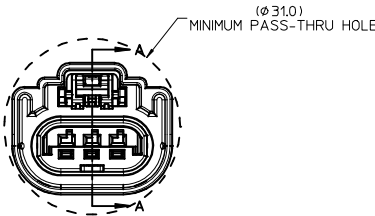
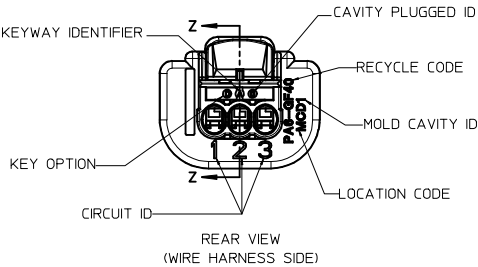
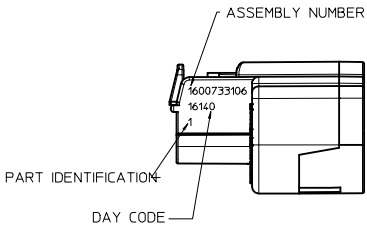


SINGLE KEY OPTION "D"

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	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

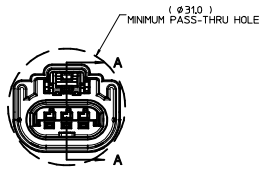
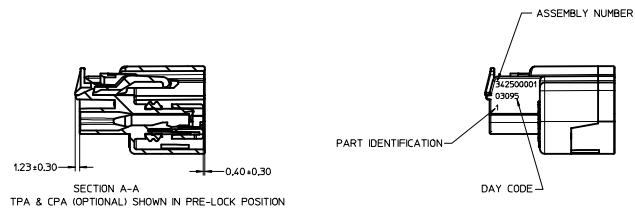
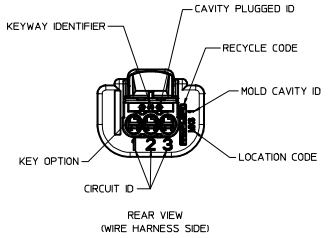
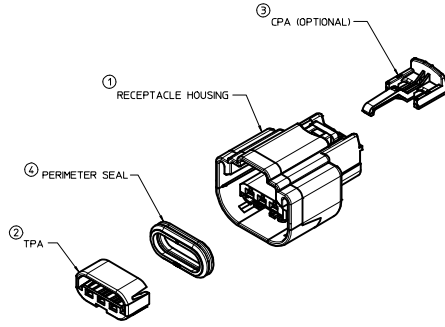
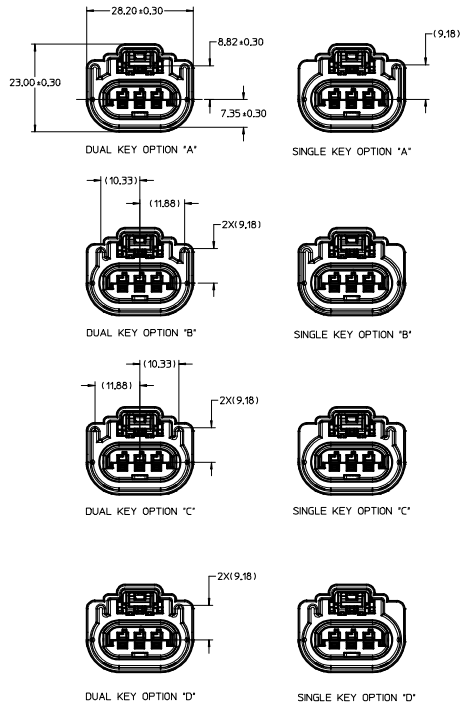
SHEET DESCRIPTION
RECEPTACLE CONNECOTR ASSEMBLY

ASSEMBLY MATERIALS				
ITEM	DESCRIPTION	COLOR	MOLEX P/N	RECYCLE CODE
1	RECEPTACLE HOUSING	SEE CHART	SEE CHART	PA6 GF40 (FOR 160073 SERIES)
2	TPA	NATURAL	342520001	PBT-GF30
3	CPA	RED	340660001	PBT-GF30
4	PERIMETER SEAL	BLUE	342530001	SILICON 50 DUROMETER
		BLUE	342530002	SILICON 50 DUROMETER



ENTER DESCRIPTION EC NO: UAU2015-1698 DRAWN BY: Q CHECKED BY: Q APPROVED BY: Q REV: 1	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	
				DRAWN BY L.P.LIM	DATE 2003/09/03	TITLE RECEPTACLE ASSEMBLY 3-WAY USCAR CONNECTOR 15MM CABLE SEAL			
				CHECKED BY	DATE	APPROVED BY KDEKOSKI			
				DATE 2017/02/08		MATERIAL NO. SD-160073-001			
		ANGULAR ± 3°		SEE CHART		DOCUMENT NO.	SHEET NO. 3 OF 3		
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

22	34083-2003	RIGHT	TIN	22	E-1644-01	1/19-165	PINK
22	34083-3003	LEFT	TIN	22			
22	34081-2005	RIGHT	GOLD	22			
22	34081-3005	LEFT	GOLD	22			
20	34083-2002	RIGHT	TIN	18/20	E-1644-00	160-2/10	GREEN
20	34083-3002	LEFT	TIN	18/20			
20	34081-2004	RIGHT	GOLD	18/20			
20	34081-3004	LEFT	GOLD	18/20			
18	34083-2002	RIGHT	TIN	18/20	E-1644-02	2/10-2/50	YELLOW
18	34083-3002	LEFT	TIN	18/20			
18	34081-2004	RIGHT	GOLD	18/20			
18	34081-3004	LEFT	GOLD	18/20			
16	34083-2001	RIGHT	TIN	16	E-1644-02	2/10-2/50	YELLOW
16	34083-3001	LEFT	TIN	16			
16	34081-2003	RIGHT	GOLD	16			
16	34081-3003	LEFT	GOLD	16			
AWG	PART NUMBER	PAYOFF DIRECTION	PLATING	GRP	QSR P/N	WIRE OD RANGE	COLOR
WIRE SIZE	TERMINAL *PREFERRED* (SEE NOTE 5 FOR OPTIONAL TERMINALS)				CABLE SEAL (QSR)		



OPTIONAL LATCH	1600733119	B	BLACK	YES	150-S-003-1-B01	N/A	SALEABLE
	1600733118	D	BLACK	NONE	N/A	150-S-003-1-D02	SALEABLE
	1600733117	B	BLACK	NONE	150-S-003-1-B01	N/A	SALEABLE
	1600733116	D	ST GREY	YES	N/A	150-S-003-1-D02	SALEABLE
	1600733115	C	DK GREY	YES	N/A	150-S-003-1-C02	SALEABLE
	1600733114	B	LT GREY	YES	N/A	150-S-003-1-B02	SALEABLE
	1600733113	A	BLACK	YES	N/A	150-S-003-1-A02	SALEABLE
	1600733112	D	ST GREY	NONE	N/A	150-S-003-1-D02	SALEABLE
	1600733111	C	DK GREY	NONE	N/A	150-S-003-1-C02	SALEABLE
	1600733110	B	LT GREY	NONE	N/A	150-S-003-1-B02	SALEABLE
	1600733109	A	BLACK	NONE	N/A	150-S-003-1-A02	SALEABLE
	1600733108	D	ST GREY	YES	150-S-003-1-D01	N/A	SALEABLE
	1600733107	C	DK GREY	YES	150-S-003-1-C01	N/A	SALEABLE
	1600733106	B	LT GREY	YES	150-S-003-1-B01	N/A	SALEABLE
	1600733105	A	BLACK	YES	150-S-003-1-A01	N/A	SALEABLE
	1600733104	D	ST GREY	NONE	150-S-003-1-D01	N/A	SALEABLE
	1600733103	C	DK GREY	NONE	150-S-003-1-C01	N/A	SALEABLE
	1600733102	B	LT GREY	NONE	150-S-003-1-B01	N/A	SALEABLE
	1600733101	A	BLACK	NONE	150-S-003-1-A01	N/A	SALEABLE
	342503068	D	BLACK	NONE	N/A	150-S-003-1-D02	SALEABLE
STANDARD	342503059	D	GREY	NONE	N/A	150-S-003-1-D02	SALEABLE
	342503051	C	BROWN	NONE	N/A	150-S-003-1-C02	SALEABLE
	342503018	B	GREY	NONE	150-S-003-1-B01	N/A	SALEABLE
	342503017	A	BLACK	NONE	150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
	342503066	B	BLACK	NONE	150-S-003-1-B01	N/A	SALEABLE
	342503071	C	GREY	NONE	150-S-003-1-C01	N/A	SALEABLE
	342503037	D	BLACK	YES	N/A	150-S-003-1-D02	SALEABLE
	342503036	D	GREY	YES	N/A	150-S-003-1-D02	SALEABLE
	342503035	C	BROWN	YES	N/A	150-S-003-1-C02	SALEABLE
	342503002	B	GREY	YES	150-S-003-1-B01	N/A	SALEABLE
STANDARD	342503001	A	BLACK	YES	150-S-003-1-A01	N/A	SALEABLE
	342503065	B	BLACK	YES	150-S-003-1-B01	N/A	SALEABLE
	342500052	D	GREY	NONE	N/A	150-S-003-1-D02	SALEABLE
	342500051	C	BROWN	NONE	N/A	150-S-003-1-C02	SALEABLE
	342500050	B	GREY	NONE	N/A	150-S-003-1-B02	DESIGN CONCEPT ONLY
	342500049	A	BLACK	NONE	N/A	150-S-003-1-A02	DESIGN CONCEPT ONLY
	342500036	D	GREY	YES	N/A	150-S-003-1-D02	SALEABLE
	342500035	C	BROWN	YES	N/A	150-S-003-1-C02	SALEABLE
	342500034	B	GREY	YES	N/A	150-S-003-1-B02	DESIGN CONCEPT ONLY
	342500033	A	BLACK	YES	150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
STANDARD	342500028	D	GREEN	NONE	150-S-003-1-D01	N/A	DESIGN CONCEPT ONLY
	342500019	C	BROWN	NONE	150-S-003-1-C01	N/A	DESIGN CONCEPT ONLY
	342500018	B	GREY	NONE	150-S-003-1-B01	N/A	DESIGN CONCEPT ONLY
	342500017	A	BLACK	NONE	150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
	342500004	D	GREEN	YES	150-S-003-1-D01	N/A	DESIGN CONCEPT ONLY
	342500003	C	BROWN	YES	150-S-003-1-C01	N/A	DESIGN CONCEPT ONLY
	342500002	B	GREY	YES	150-S-003-1-B01	N/A	DESIGN CONCEPT ONLY
	342500001	A	BLACK	YES	150-S-003-1-A01	N/A	DESIGN CONCEPT ONLY
	LATCH STYLE	ASSEMBLY P/N	KEY OPTION	HSG COLOR	CPA	MATES W/ USCAR DUAL KEY	MATES W/ USCAR SINGLE KEY
							STATUS

- UNLESS OTHERWISE SPECIFIED:
- PART CONFORMS TO SAE/USCAR-2 REV. 4 (05/04), EXCEPT AS FOLLOWS:
 - DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN USCAR/EWCAP DRAWING NO 150-S-003-1-202, ALL OPTION A-D, REV. 4, DATED 10/19/99, ALSO WITH THE DEVICE CONNECTION AS SPECIFIED IN USCAR/EWCAP DRAWING NO 150-S-003-1-201, ALL OPTION A-D, REV. 4, DATED 10/15/02.
 - ASSEMBLY SHIPPED WITH TPA IN PRE-LOCK POSITION (SEE SECTION A-A PRELOCK). UPON FULL TERMINAL ASSEMBLY, TPA MUST BE SNAPPED INTO ITS FINAL LOCK POSITION AFTER TERMINALS ARE ASSEMBLED.
 - OPTIONAL CPA SHOWN IN ALL VIEWS. SEE TABLE FOR SPECIFIC ASSEMBLY OPTION AND NUMBER.
 - FOR PREFERRED TERMINALS SEE MOLEX DRAWING SD-34083-002 FOR OPTIONAL TERMINALS SEE MOLEX DRAWING SD-34083-001

ASSEMBLY MATERIALS				
ITEM	DESCRIPTION	COLOR	MOLEX P/N	RECYCLE CODE
1	RECEPTACLE HOUSING	SEE CHART	SEE CHART	PPE/PA GF10 (FOR 34250 SERIES) PA6 GF40 (FOR 160073 SERIES)
2	TPA	NATURAL	342500001	PBT-GF30
3	CPA	RED	340660001	PBT-GF30
4	PERIMETER SEAL	BLUE	342530001	SILICON 50 DUROMETER
		BLUE	342530002	SILICON 50 DUROMETER

ADD PART NUMBER
EC NO: UAC2016-171L
DRAWN BY: P1
DATE: 2016/05/24
APPROVED BY: P1
REV: 1

QUALITY SYMBOLS
▽=0
▽=1
▽=2
▽=3

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.3 ± ---
ANGULAR ± 3 °

DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY: P.L.M
DATE: 2003/09/03
CHECKED BY: DATE
APPROVED BY: VKOSHY
DATE: 2010/11/11
MATERIAL NO.:
DOCUMENT NO.:
SHEET NO.: 1 OF 1

RECEPTACLE ASSEMBLY
3-WAY USCAR CONNECTOR
15MM CABLE SEAL
MOLEX INCORPORATED
SD-34250-002

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