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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)		

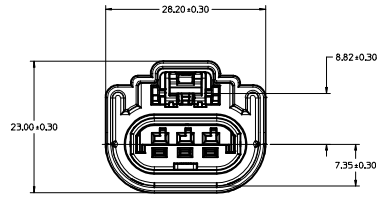
UNLESS OTHERWISE SPECIFIED:

- 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

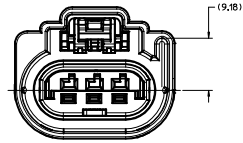
OPTIONAL LATCH	160073319	B	BLACK	YES	150-S-003-1-B01	N/A	SALEABLE	N/A
	160073319	D	BLACK	N/A	N/A	150-S-003-1-D02	SALEABLE	N/A
	160073317	B	BLACK	NONE	150-S-003-1-B01	N/A	SALEABLE	N/A
	160073316	D	ST GREY	N/A	N/A	150-S-003-1-D02	SALEABLE	N/A
	160073315	C	OK GREY	N/A	N/A	150-S-003-1-C02	SALEABLE	N/A
	160073314	B	LT GREY	YES	N/A	150-S-003-1-B02	SALEABLE	N/A
	160073313	A	BLACK	N/A	N/A	150-S-003-1-A02	SALEABLE	N/A
	160073312	D	ST GREY	N/A	N/A	150-S-003-1-D02	SALEABLE	N/A
	160073311	C	OK GREY	N/A	N/A	150-S-003-1-C02	SALEABLE	N/A
	160073310	B	LT GREY	NONE	N/A	150-S-003-1-B02	SALEABLE	N/A
	160073309	A	BLACK	N/A	N/A	150-S-003-1-A02	SALEABLE	N/A
	160073308	D	ST GREY	YES	150-S-003-1-D01	N/A	SALEABLE	N/A
	160073307	C	OK GREY	N/A	150-S-003-1-C01	N/A	SALEABLE	N/A
	160073306	B	LT GREY	N/A	150-S-003-1-B01	N/A	SALEABLE	N/A
	160073305	A	BLACK	N/A	150-S-003-1-A01	N/A	SALEABLE	N/A
	160073304	D	ST GREY	NONE	150-S-003-1-D01	N/A	SALEABLE	N/A
	160073303	C	OK GREY	N/A	150-S-003-1-C01	N/A	SALEABLE	N/A
	160073302	B	LT GREY	N/A	150-S-003-1-B01	N/A	SALEABLE	N/A
	160073301	A	BLACK	N/A	150-S-003-1-A01	N/A	SALEABLE	N/A
	160073668	A	BLACK	N/A	N/A	150-S-003-1-D02	OBsolete	SEE 160073312 OR 160073318
	160073662	D	GREY	N/A	N/A	150-S-003-1-D02	OBsolete	SEE 160073312
	160073651	B	GREY	NONE	N/A	150-S-003-1-C02	OBsolete	SEE 160073311
	160073648	B	GREY	N/A	150-S-003-1-B01	N/A	OBsolete	SEE 160073302
	160073647	A	BLACK	N/A	150-S-003-1-A01	N/A	OBsolete	SEE 160073301
160073646	B	BLACK	N/A	150-S-003-1-B01	N/A	OBsolete	SEE 160073302	
160073644	C	GREY	N/A	150-S-003-1-C01	N/A	OBsolete	SEE 160073307	
160073633	D	GREY	N/A	150-S-003-1-D02	N/A	OBsolete	SEE 160073316	
160073636	D	GREY	N/A	N/A	150-S-003-1-D02	OBsolete	SEE 160073316	
160073634	C	BROWN	YES	N/A	150-S-003-1-C02	OBsolete	SEE 160073311	
160073635	B	GREY	N/A	150-S-003-1-B01	N/A	OBsolete	SEE 160073306	
160073630	A	BLACK	N/A	150-S-003-1-A01	N/A	OBsolete	SEE 160073305	
160073605	B	BLACK	N/A	150-S-003-1-B01	N/A	OBsolete	SEE 160073306	
160073602	D	GREY	N/A	150-S-003-1-D02	N/A	OBsolete	SEE 160073312	
160073551	D	GREY	NONE	N/A	150-S-003-1-C02	OBsolete	SEE 160073311	
160073550	A	GREY	N/A	N/A	150-S-003-1-B02	OBsolete	SEE 160073310	
160073548	A	BLACK	N/A	N/A	150-S-003-1-A02	OBsolete	SEE 160073309	
160073544	C	GREY	N/A	N/A	150-S-003-1-D02	OBsolete	SEE 160073316	
160073505	C	BROWN	YES	N/A	150-S-003-1-C02	OBsolete	SEE 160073311	
160073503	A	GREY	N/A	150-S-003-1-A02	OBsolete	SEE 160073310		
160073503	A	BLACK	N/A	N/A	150-S-003-1-A02	OBsolete	SEE 160073313	
160073500	D	GREEN	N/A	150-S-003-1-D01	N/A	OBsolete	SEE 160073364	
160073500	A	BROWN	N/A	150-S-003-1-C01	N/A	OBsolete	SEE 160073363	
160073500	A	GREY	NONE	150-S-003-1-B01	N/A	OBsolete	SEE 160073362	
160073500	A	BLACK	N/A	150-S-003-1-A01	N/A	OBsolete	SEE 160073361	
160073500	D	GREEN	N/A	150-S-003-1-D01	N/A	OBsolete	SEE 160073360	
160073500	C	BROWN	N/A	150-S-003-1-C01	N/A	OBsolete	SEE 160073359	
160073500	B	GREY	YES	150-S-003-1-B01	N/A	OBsolete	SEE 160073358	
160073500	A	BLACK	N/A	150-S-003-1-A01	N/A	OBsolete	SEE 160073357	
LATCH STYLE	ASSEMBLY	KEY	HSG	CPA	MATES W/ USCAR	MATES W/ USCAR	STATUS	COMMENTS
	P/N	OPTION	COLOR		DUAL KEY	SINGLE KEY		

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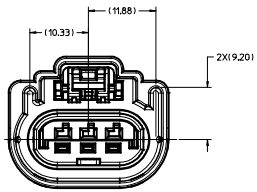
KEY CONFIGURATION



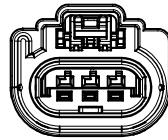
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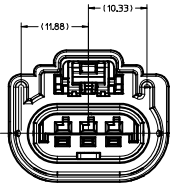
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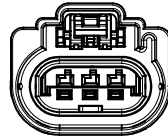
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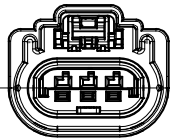
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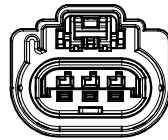
DUAL KEY OPTION "C"



SINGLE KEY OPTION "C"



DUAL KEY OPTION "D"

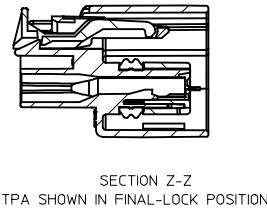
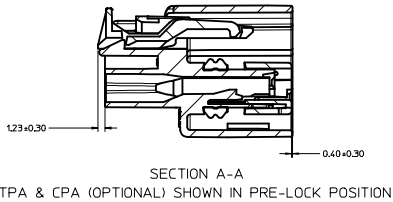
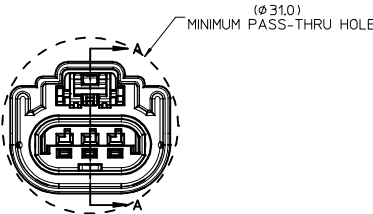
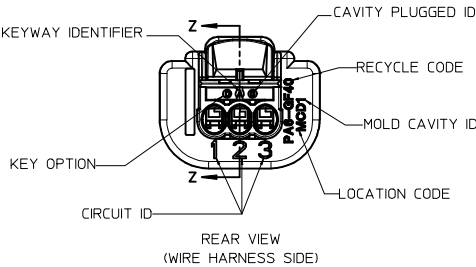
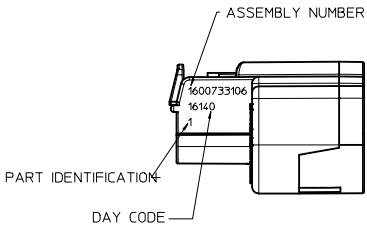


SINGLE KEY OPTION "D"

ENTER DESCRIPTION REC NO: UAU2015-1698 DRAWN BY: Q DATE: 2016/07/20 CHECKED BY: Q DATE: 2016/07/20 APPROVED BY: Q DATE: 2017/02/08	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ± ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE L.P.LIM 2003/09/03 CHECKED BY DATE APPROVED BY DATE KDEKOSKI 2017/02/08	SCALE 3:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	RECEPTACLE ASSEMBLY 3-WAY USCAR CONNECTOR 15MM CABLE SEAL molex DOCUMENT NO. SD-160073-001 SHEET NO. 2 OF 3	
	SEE CHART					
	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: 2016/07/20
CHECKED BY: 2016/07/20
APPROVED BY: 2017/02/08
REV: 1

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.10 ± ---
1 PLACE ± 0.3 ± ---
0 PLACE ± ±
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY: DATE
L.P.L.M 2003/09/03
CHECKED BY: DATE
APPROVED BY: DATE
KDEKOSKI 2017/02/08
MATERIAL NO.
DOCUMENT NO.
SHEET NO.
3 OF 3

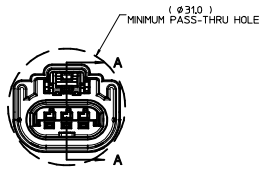
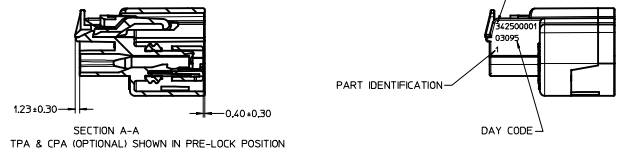
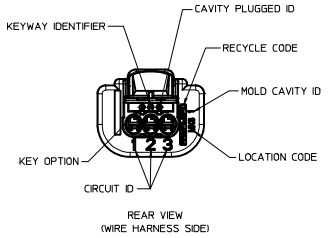
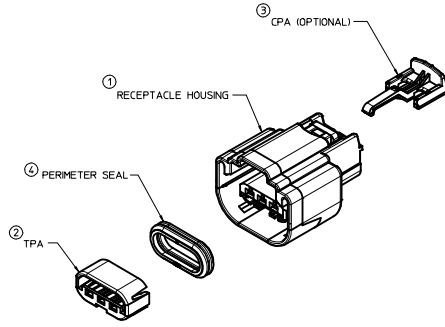
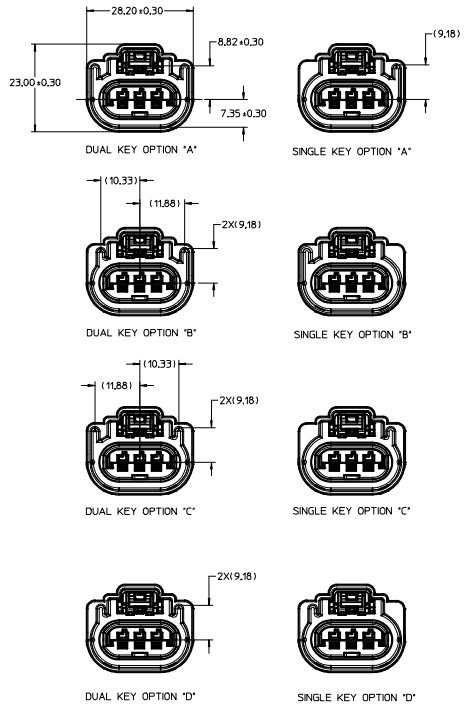
SCALE
3:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION

RECEPTACLE ASSEMBLY
3-WAY USCAR CONNECTOR
15MM CABLE SEAL
molex
SD-160073-001

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

Id: Itrane_E.P_AM.T
Rev. G 2012/01/11

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	YES	150-S-003-1-B01	N/A	SALEABLE
	342503071	C	GREY	YES	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: DRW:CTM
DATE: 2016/05/24
CHECKED BY: APPRO:GOSKI
DATE: 2016/05/24
REV: P1

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.LIM
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