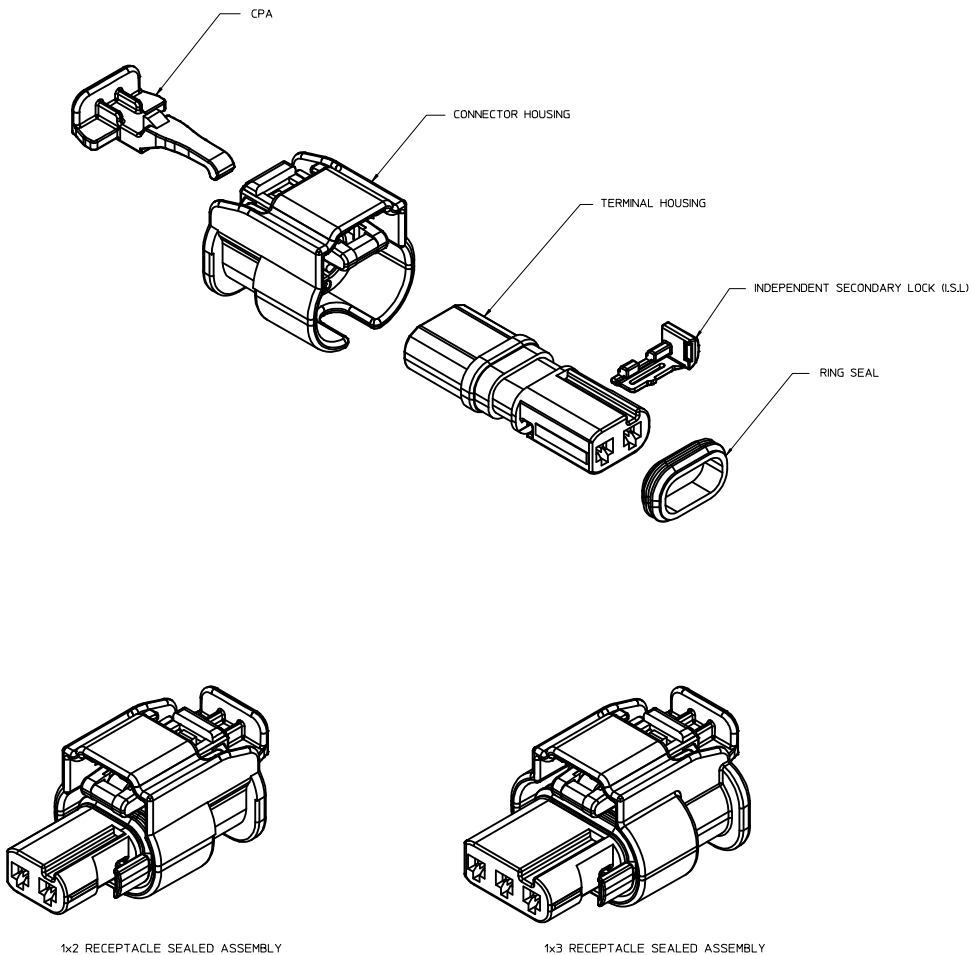


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1	NOTES
2	1x2 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
3	1x3 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
4	RECEPTACLE SEALED ASSEMBLY
5	1x2 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1
6	1x3 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1



NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
a. APPLICATION SPECIFICATION SEE: AS-34900-0001
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
b. PRODUCT SPECIFICATION SEE: PS-34900-0001
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: ES-40000-5016
e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13255)
f. DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN BOM CHART. USCAR DRAWINGS AND MODELS ARE AVAILABLE AT <http://ewcapuscarteams.org/>.

2. DESIGN - MATERIALS:
a. SEE BOM TABLE

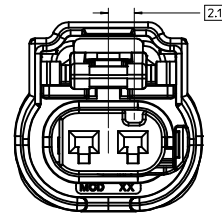
3. DESIGN - GEOMETRY:
a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
c. EDGES AND UNDIMENSIONED DETAILS PER 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:
1. PART NUMBER
2. DAY OF THE YEAR
3. SHIFT
4. YEAR

REV	DESCRIPTION
A10	ADDED 1X3 SEVERE VIBRATION PART NUMBER
A9	1X2 AND 1X3 PART # STATUS UPDATED DIMENSION 2 UPDATED
A8	1X2 PART # UPDATED TO *TOOLED BUT NOT VALIDATED*
A7	1X2 PART # UPDATED TO *TOOLED BUT NOT VALIDATED*
A6	ADDED NEW PART NUMBERS FOR LATCH IMPROVEMENT
A5	BOM CORRECTIONS AND UPDATES
A4	BOM CORRECTIONS AND UPDATES
A3	1x2, 1x3 NON-SIR OK TO TOOL
A2	MINOR BOM CORRECTIONS
A1	ADDED COMPONENTS TO BOM
A	ADDED BLACK PART NUMBERS AND MINOR BOM UPDATES
3	ADDED 1x3
2	MINOR BOM CORRECTIONS
1	INITIAL RELEASE

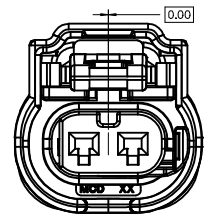
1x2 RECEPTACLE SEALED ASSEMBLY 1x3 RECEPTACLE SEALED ASSEMBLY

ENTER DESCRIPTION EC NO: UAU2016-0751 DRAWN BY: MVLANS LAMBROU 2015/10/27 CHKD: GGA APPR: IKOSHY 2015/11/19 REV: A10	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) <table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>±.00</td> <td>±.00</td> </tr> <tr> <td>3 PLACES</td> <td>±.01</td> <td>±.00</td> </tr> <tr> <td>2 PLACES</td> <td>±.02</td> <td>±.00</td> </tr> <tr> <td>1 PLACE</td> <td>±.05</td> <td>±.00</td> </tr> <tr> <td>0 PLACE</td> <td>±.10</td> <td>±.00</td> </tr> </tbody> </table> ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		mm	INCH	4 PLACES	±.00	±.00	3 PLACES	±.01	±.00	2 PLACES	±.02	±.00	1 PLACE	±.05	±.00	0 PLACE	±.10	±.00	DIMENSION STYLE MM ONLY DRAWN BY: MVLANS LAMBROU 2012/02/15 CHECKED BY: DATE APPROVED BY: GGA 2012/12/13 DATE: 2012/12/13	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: 12MM 1X2, 1X3 RECP. SEALED ASSEMBLY CABLE SEAL molex DOCUMENT NO: SD-34900-0001 SHEET NO: 1 OF 6
		mm	INCH																				
	4 PLACES	±.00	±.00																				
	3 PLACES	±.01	±.00																				
2 PLACES	±.02	±.00																					
1 PLACE	±.05	±.00																					
0 PLACE	±.10	±.00																					
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																							
SIZE: D																							
MATERIAL NO: SEE TABLE																							

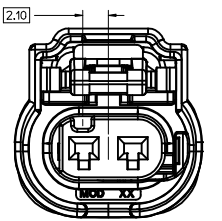
1x2 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



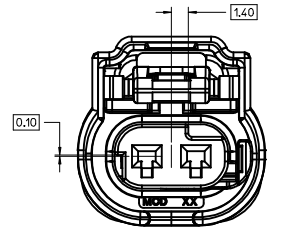
KEYING OPTION A



KEYING OPTION B



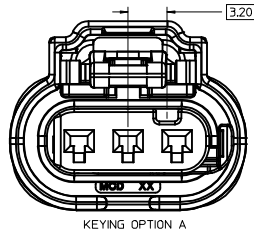
KEYING OPTION C



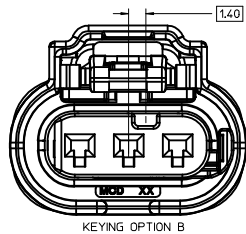
KEYING OPTION E

ENTER DESCRIPTION EC NO: UAU2016-0751 DRAWN: MYANSLAMBROU 2015/10/27 CHKD: APPR: VIKOSHY 2015/11/19 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	☉
	▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- 0 PLACE ± 0.50 ±	DRAWN BY DATE MYANSLAMBROU 2012/02/15	CHECKED BY DATE	TITLE 12MM 1X2. 1X3 RECPT. SEALED ASSEMBLY CABLE SEAL	
	▽=0	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE GGA 2012/12/13	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
A10	SIZE D	SEE BOM		SD-34900-2001	2 OF 6	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

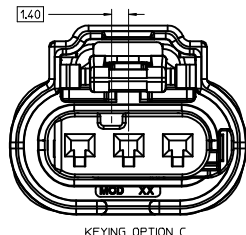
1x3 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS. FOR PART NUMBERS REFER TO BOM SHEET.



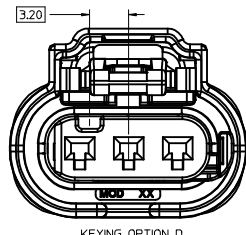
KEYING OPTION A



KEYING OPTION B



KEYING OPTION C



KEYING OPTION D

ENTER DESCRIPTION EC NO: UAU2016-0751 DRAWN BY: MYANSLAMBROU 2015/10/27 CHKD: APPR: WKSHY 2015/11/19 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	mm INCH	MM ONLY	5:1	METRIC	☉
	▽=0	4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- 0 PLACE ± 0.50 ±	DRAWN BY DATE MYANSLAMBROU 2012/02/15	CHECKED BY DATE	TITLE 12MM 1X2, 1X3 RECPT. SEALED ASSEMBLY CABLE SEAL	
	▽=0	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY DATE GGA 2012/12/13	MATERIAL NO.	DOCUMENT NO.	SHEET NO.
A10	SIZE D	SEE BOM	SD-34900-2001		3 OF 6	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

1X2 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1

KEYING OPTION E, BLACK	34900-2123	-40 TO 155	4			CHB			E	TOOLED BUT NOT VALIDATED	1	2	3
KEYING OPTION C, BLACK	34900-2122	-40 TO 155	4			CHB			C	TOOLED BUT NOT VALIDATED	1	2	3
KEYING OPTION B, BLACK	34900-2121	-40 TO 155	4			CHB	B			SALEABLE	1	2	3
KEYING OPTION A, BLACK	34900-2120	-40 TO 155	4			CHB	A			SALEABLE	1	2	3
KEYING OPTION E, YELLOW	34900-2104	-40 TO 125	2			CHY			E	TOOLED BUT NOT VALIDATED	1	2	3
KEYING OPTION C, YELLOW	34900-2103	-40 TO 125	2			CHY			C	TOOLED BUT NOT VALIDATED	1	2	3
KEYING OPTION B, YELLOW	34900-2102	-40 TO 125	2			CHY	B			SALEABLE	1	2	3
KEYING OPTION A, YELLOW	34900-2101	-40 TO 125	2			CHY	A			SALEABLE	1	2	3
KEYING OPTION E, BLACK	34900-2023	-40 TO 125	2			CHB			E	OBSOLETE	1	2	3
KEYING OPTION C, BLACK	34900-2022	-40 TO 125	2			CHB			C	OBSOLETE	1	2	3
KEYING OPTION B, BLACK	34900-2021	-40 TO 125	2			CHB	B			OBSOLETE	1	2	3
KEYING OPTION A, BLACK	34900-2020	-40 TO 125	2			CHB	A			OBSOLETE	1	2	3
KEYING OPTION E, YELLOW	34900-2004	-40 TO 125	2			CHY			E	OBSOLETE	1	2	3
KEYING OPTION C, YELLOW	34900-2003	-40 TO 125	2			CHY			C	OBSOLETE	1	2	3
KEYING OPTION B, YELLOW	34900-2002	-40 TO 125	2			CHY	B			SALEABLE	1	2	3
KEYING OPTION A, YELLOW	34900-2001	-40 TO 125	2			CHY	A			SALEABLE	1	2	3
ASSEMBLY DESCRIPTION	PART NUMBER	OPERATING TEMPERATURE	VIBRATION CLASS PER GMW3191 DEC. 2007				A B C E			STATUS	COMMENTS	DESIGNED TO MATE WITH DEVICE CONNECTION	

DESCRIPTION	COLOR	MATERIAL	COMMENTS
RING SEAL	BURNT RED	INHERENTLY LUBRICATED SILICONE	
ISL	NATURAL	SPS/NYLON GF20	
CPA	RED	FBT GF30	
TERMINAL HOUSING KEYING OPTION E	STONE GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION B	LT. GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	

BOM/APPLICABLE COMPONENTS TABLE

ABBREVIATION	COMPONENT
CHY	CONNECTOR HOUSING YELLOW
CHB	CONNECTOR HOUSING BLACK
A	TERMINAL HOUSING KEY A
B	TERMINAL HOUSING KEY B
C	TERMINAL HOUSING KEY C
E	TERMINAL HOUSING KEY E
CPA	CPA
ISL	ISL
R	RING SEAL
1	USCAR INTERFACE 120-5-002-1-Z01 SEE NOTE 1 FOR WEBSITE
2	MOLEX INLINE BLADE CONNECTOR E-34899-2001
3	USCAR INTERFACE 120-5-002-1-Z02 SEE NOTE 1 FOR WEBSITE

ENTER DESCRIPTION EC NO: UAU2016-0751 DRAWN BY: MVLANSMBROU 2015/10/27 CHKD: GCHK APPR: IKOSHY REV: 2015/11/19	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± 0.10 mm 3 PLACES ± 0.15 mm 2 PLACES ± 0.20 mm 1 PLACE ± 0.25 mm 0 PLACE ± 0.50 mm ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
	DRAWN BY: MVLANSMBROU 2012/02/15 CHECKED BY: DATE:		APPROVED BY: GGA DATE: 2012/12/13		TITLE: 12MM 1X2. 1X3 RECPT. SEALED ASSEMBLY CABLE SEAL	
	MATERIAL NO: 999999999		DOCUMENT NO: SD-34900-2001		SHEET NO: 5 OF 6	

1X3 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1

ASSEMBLY DESCRIPTION	PART NUMBER	OPERATING TEMPERATURE	VIBRATION CLASS PER GMW3191 DEC. 2007	A	B	C	D	A	B	C	D	STATUS	COMMENTS	DESIGNED TO MATE WITH DEVICE CONNECTION
KEYING OPTION D, STONE GRAY	34900-3127	-40 TO 155	4					CHB				D	OK TO TOOL	1 2 3
KEYING OPTION C, DARK GRAY	34900-3126	-40 TO 155	4					CHB				C	OK TO TOOL	1 2 3
KEYING OPTION B, LIGHT GRAY	34900-3125	-40 TO 155	4					CHB			B		OK TO TOOL	1 2 3
KEYING OPTION A, BLACK	34900-3124	-40 TO 155	4					CHB		A			SALEABLE	1 2 3
KEYING OPTION D, STONE GRAY	34900-3123	-40 TO 125	2					CHB		D			TOOLED BUT NOT VALIDATED	1 2 3
KEYING OPTION C, DARK GRAY	34900-3122	-40 TO 125	2					CHB		C			TOOLED BUT NOT VALIDATED	1 2 3
KEYING OPTION B, LIGHT GRAY	34900-3121	-40 TO 125	2					CHB	B				SALEABLE	1 2 3
KEYING OPTION A, BLACK	34900-3120	-40 TO 125	2					CHB	A				SALEABLE	1 2 3
KEYING OPTION D, YELLOW	34900-3104	-40 TO 125	2				CHY			D			TOOLED BUT NOT VALIDATED	1 2 3
KEYING OPTION C, YELLOW	34900-3103	-40 TO 125	2				CHY			C			TOOLED BUT NOT VALIDATED	1 2 3
KEYING OPTION B, YELLOW	34900-3102	-40 TO 125	2				CHY		B				SALEABLE	1 2 3
KEYING OPTION A, YELLOW	34900-3101	-40 TO 125	2				CHY		A				SALEABLE	1 2 3
KEYING OPTION D, STONE GRAY	34900-3023	-40 TO 125	2					CHB		D			OBSOLETE	1 2 3
KEYING OPTION C, DARK GRAY	34900-3022	-40 TO 125	2					CHB		C			OBSOLETE	1 2 3
KEYING OPTION B, LIGHT GRAY	34900-3021	-40 TO 125	2					CHB		B			OBSOLETE	1 2 3
KEYING OPTION A, BLACK	34900-3020	-40 TO 125	2					CHB		A			OBSOLETE	1 2 3
KEYING OPTION D, YELLOW	34900-3004	-40 TO 125	2				CHY			D			OBSOLETE	1 2 3
KEYING OPTION C, YELLOW	34900-3003	-40 TO 125	2				CHY			C			OBSOLETE	1 2 3
KEYING OPTION B, YELLOW	34900-3002	-40 TO 125	2				CHY			B			OBSOLETE	1 2 3
KEYING OPTION A, YELLOW	34900-3001	-40 TO 125	2				CHY			A			OBSOLETE	1 2 3

ABBREVIATION	COMPONENT
CHY	CONNECTOR HOUSING YELLOW
CHB	CONNECTOR HOUSING BLACK
A	TERMINAL HOUSING KEY A
B	TERMINAL HOUSING KEY B
C	TERMINAL HOUSING KEY C
D	TERMINAL HOUSING KEY D
CPA	CPA
ISL	ISL
R	RING SEAL
1	USCAR INTERFACE 120-S-003-1-Z01 SEE NOTE 1f FOR WEBSITE
2	MOLEX INLINE BLADE CONNECTOR E-34899-2001
3	USCAR INTERFACE 120-S-003-1-Z02 SEE NOTE 1f FOR WEBSITE

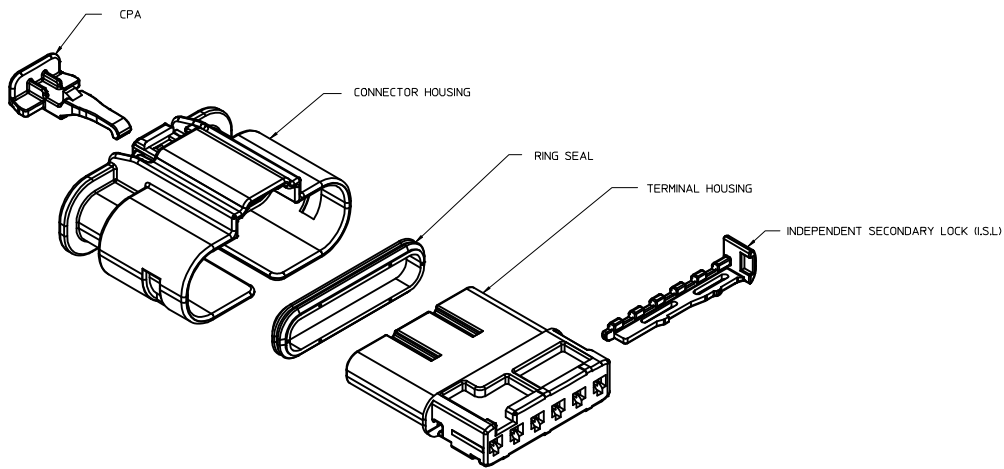
RING SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE	
ISL	NATURAL	SPS/NYLON GF20	
CPA	RED	PBT GF30	
TERMINAL HOUSING KEYING OPTION D, V4	STONE GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION C, V4	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION B, V4	LT. GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION A, V4	BLACK	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION D	STONE GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION B	LT. GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	
DESCRIPTION	COLOR	MATERIAL	COMMENTS

BOM/APPLICABLE COMPONENTS TABLE

ENTER DESCRIPTION ELEC NO. UAU2016-0751 DRAWN BY MYANSLAMBROU 2015/10/27 CHYK: APPR: VKOSHY 2015/11/19 REV: A10	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- 0 PLACE ± 0.50 ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY DATE MYANSLAMBROU 2012/02/15 CHECKED BY DATE APPROVED BY DATE GGA 2012/12/13	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 12MM 1X2, 1X3 RECP. SEALED ASSEMBLY CABLE SEAL molex	MATERIAL NO. 999999999 DOCUMENT NO. SD-34900-2001	SHEET NO. 6 OF 6
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

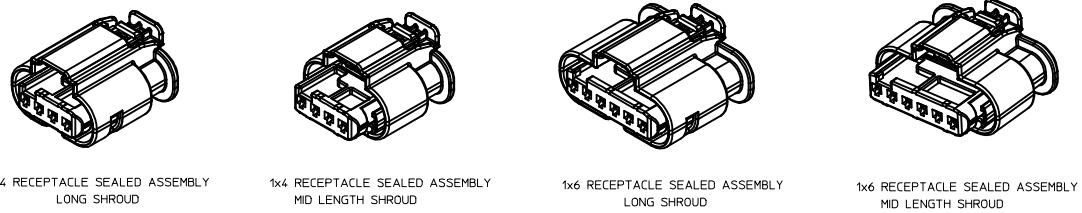
TABLE OF CONTENTS

SHEET NO.	SHEET DESCRIPTION
1	NOTES
2	1x4 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
3	1x6 RECEPTACLE SEALED ASSEMBLY KEYING CONFIGURATIONS
4	RECEPTACLE SEALED ASSEMBLY
5	1x4 RECEPTACLE SEALED ASSEMBLY BOM SHEET
6	1x6 RECEPTACLE SEALED ASSEMBLY BOM SHEET



NOTES: VALID UNLESS OTHERWISE SPECIFIED

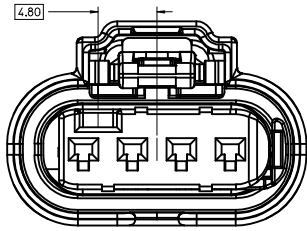
1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-34900-0001
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, CONNECTOR ASSEMBLY, PACKAGING INFORMATION, CONNECTOR MATING, SERVICE INSTRUCTIONS, ELECTRICAL CONTINUITY CHECKING, CRIMPING, AND TROUBLESHOOTING.
 - b. PRODUCT SPECIFICATION SEE: PS-34900-0001
CONTAINS: PRODUCT INTRODUCTION, PRODUCT SUMMARY, APPROVED TERMINALS, SINGLE WIRE SEALS, RATINGS (CURRENT, TEMPERATURE, SEALING, AND FLAMMABILITY), AND PRODUCT VALIDATION.
 - c. PACKAGING SPECIFICATION PER MOLEX DRAWING: PK-31301-898
 - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION ES-40000-5016
 - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO IMDS (COMPANY ID#13235)
 - f. DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN BOM CHART USCAR INTERFACE DRAWINGS AND MODELS ARE AVAILABLE AT <http://ewcap.uscarteams.org/>.
2. DESIGN - MATERIALS:
 - a. SEE BOM TABLE
3. DESIGN - GEOMETRY:
 - a. THIS IS A 100% CAD GENERATED PART. THE CAD MATHEMATICAL DATA IS THE MASTER FOR THIS PART. FOR DIMENSIONAL OR ANY INFORMATION NOT SHOWN ON THIS DRAWING, ANALYZE THE CAD MODEL.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M - 1994
 - 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) CAD MODEL
- g. LASER MARKING:
 1. PART NUMBER
 2. DAY OF THE YEAR
 3. SHIFT
 4. YEAR



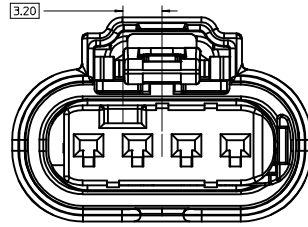
A10	PART #'S WITH NEW LATCH DESIGN SALEABLE
A9	PART #'S WITH NEW LATCH DESIGN SALEABLE
A8	ADDED NEW PART NUMBERS FOR LATCH IMPROVEMENT PARTS
A7	UPDATED 34900-6012 AND 34900-6012 TO SALEBLE
A6	UPDATED SHROUD LENGTH DIMENSION SCHEME
A5	BOM CORRECTIONS AND UPDATES
A4	BOM CORRECTIONS AND UPDATES
A3	NON SIR PART# OK TO TOOL
A2	BOM UPDATES FOR NON-SIR PART #
A1	1X6 MID LENGTH SHROUD OK TO TOOL
A	1X4 INLINE VIEWS ADDED
1	INITIAL RELEASE
REV	DESCRIPTION

ENTER DESCRIPTION ELC NO: UAU2015-1081 DRAWN BY: SHANM1 2015/01/08 CHKD: APPR: WJOSHY 2015/01/15 REV	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 3:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		4 PLACES ± .005	mm	INCH	DRAWN BY	DATE	TITLE		
		3 PLACES ± .005			MYANSLAMBROU	2012/05/03	12MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL		
		2 PLACES ± 0.10			CHECKED BY	DATE	molex		
1 PLACE ± 0.20			APPROVED BY	DATE	SEE TABLE		DOCUMENT NO.	SHEET NO.	
0 PLACE ± 0.50			GGA	2012/12/13	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SD-34900-6001	1 OF 6	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									

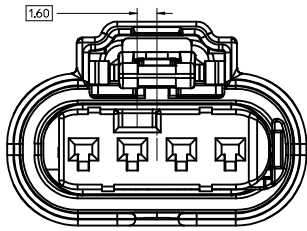
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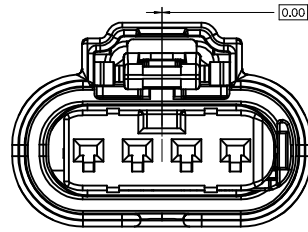
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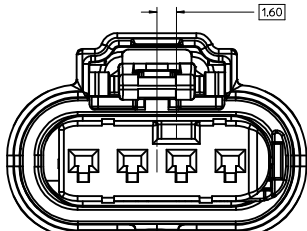
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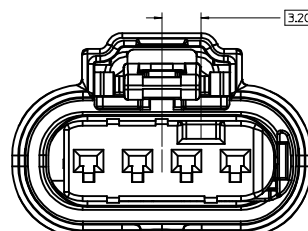
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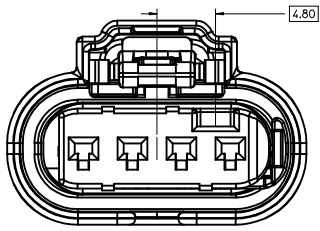
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KEYING OPTION C



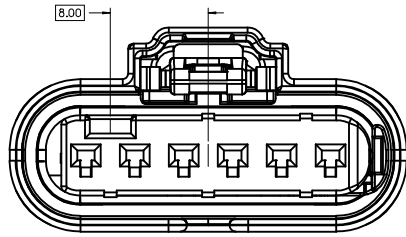
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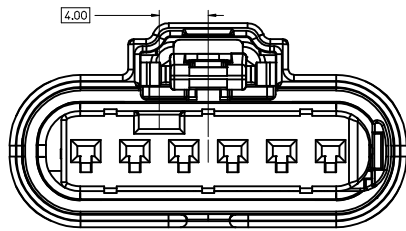
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ENTER DESCRIPTION ELEC NO: UAU2015-1081 DRAWN/KRISHNANI 2015/01/08 CHKD: APPR:KOSHY 2015/01/15 REV:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	▽=0	4 PLACES ± mm ± INCH	MM ONLY	5:1	METRIC	☉
	▽=0	3 PLACES ± 0.10 ± 0.004				
	▽=0	2 PLACES ± 0.20 ± 0.008				
		ANGULAR ± 3 °				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				
			DRAWN BY	DATE	TITLE	
			MYANSLAMBROU	2012/05/03	12MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL	
			CHECKED BY	DATE		
			APPROVED BY	DATE		
			GGA	2012/12/13		
			MATERIAL NO.		DOCUMENT NO.	SHEET NO.
			SEE BOM		SD-34900-6001	2 OF 6
			SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
			D			

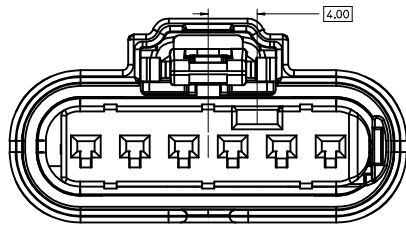
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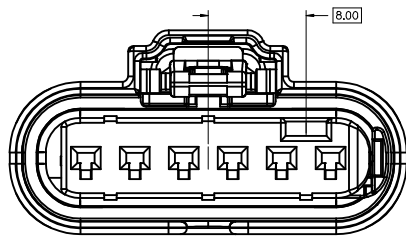
KEYING OPTION A



KEYING OPTION B



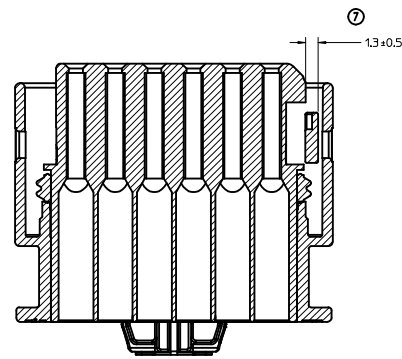
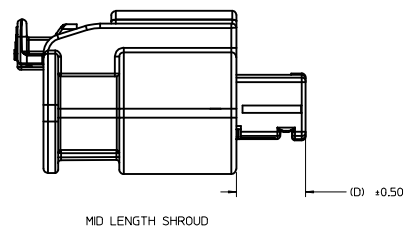
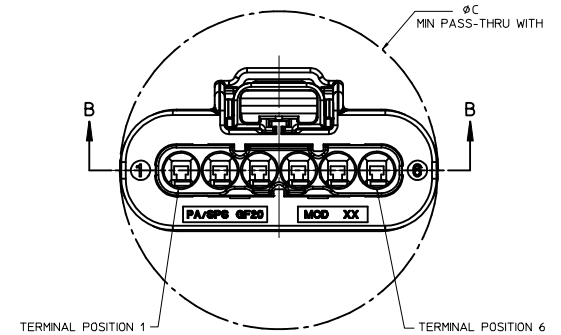
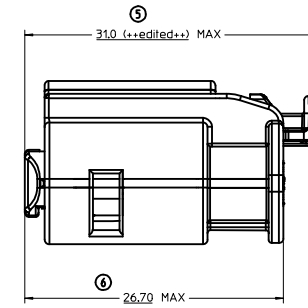
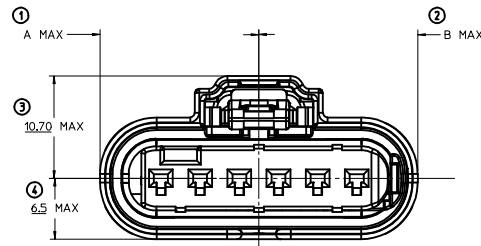
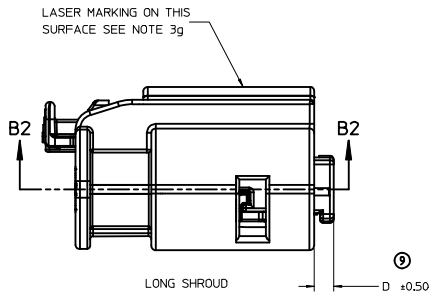
KEYING OPTION C



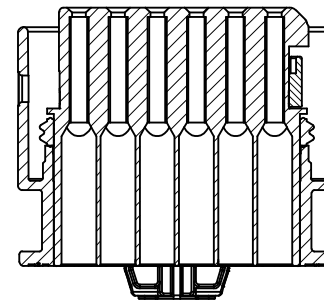
KEYING OPTION D

SEE SHEET 1 ELEC NO: UAU2015-1081 DRAWN BY: SHANU1 2015/01/08 CHKD: APPR: VKOSHY 2015/01/15 A10	QUALITY SYMBOLS ▽=0 ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- 0 PLACE ± 0.50 ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: MYANSLAMBROU 2012/05/03 DATE: 2012/05/03 CHECKED BY: DATE: APPROVED BY: GGA 2012/12/13 DATE: 2012/12/13	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 12MM 1X4, 1X6 RECP. SEALED ASSEMBLY CABLE SEAL molex MATERIAL NO. SEE BOM DOCUMENT NO. SD-34900-6001	SHEET NO. 3 OF 6
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

RECEPTACLE SEALED ASSEMBLY



SECTION B-B
INDEPENDENT SECONDARY LOCK (ISL)
SHOWN IN THE PRE-STAGED POSITION



SECTION B2-B2
INDEPENDENT SECONDARY LOCK (ISL)
SHOWN IN THE FINAL-LOCK POSITION

	A	B	C	D
1x6 MID LENGTH SHROUD	16.5	16.5	33.0	6.70
1x4 MID LENGTH SHROUD	16.5	16.5	25.0	6.70
1x6 LONG SHROUD	16.5	16.5	33.0	2.00
1x4 LONG SHROUD	12.5	12.5	25.0	2.00
DESCRIPTION	A	B	C	D

CHARTED DIMENSIONS

ENTER DESCRIPTION ELEC NO: UAU2015-1081 DRAWN BY: SHINANI CHKD: APPR: IKOSHI REV: 2015/01/15 A10	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± 0.10 ± --- 2 PLACES ± 0.20 ± --- 1 PLACE ± 0.50 ± --- 0 PLACE ± 0.50 ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	DRAWN BY MYANSLAMBROU DATE 2012/05/03 CHECKED BY DATE APPROVED BY GGA DATE 2012/12/13	TITLE 12MM 1X4, 1X6 RECPT. SEALED ASSEMBLY CABLE SEAL molex DOCUMENT NO. SD-34900-6001 SHEET NO. 4 OF 6
	MATERIAL NO. SEE BOM				
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	SIZE D				

1x4 RECEPTACLE SEALED ASSEMBLY BOM SHEET 1

KEY OPTION	CONNECTOR HOUSING COLOR	TERMINAL HOUSING COLOR	OUTER HOUSING SHROUD LENGTH	ASSEMBLY PART NUMBER	CHMB	A	B	C	D	E	F	G	PRODUCTION TOOL STATUS	COMMENTS
KEY OPTION G	BLACK	LIGHT GRAY	MID LENGTH	34900-4136									CONCEPT	1 2
KEY OPTION F	BLACK	BLACK	MID LENGTH	34900-4135									CONCEPT	1 2
KEY OPTION E	BLACK	DARK GRAY	MID LENGTH	34900-4134									CONCEPT	1 2
KEY OPTION D	BLACK	LIGHT GRAY	MID LENGTH	34900-4133									CONCEPT	1 2
KEY OPTION C	BLACK	DARK GRAY	MID LENGTH	34900-4132									CONCEPT	1 2
KEY OPTION B	BLACK	STONE GRAY	MID LENGTH	34900-4131									CONCEPT	1 2
KEY OPTION A	BLACK	BLACK	MID LENGTH	34900-4130									CONCEPT	1 2
KEY OPTION G	BLACK	LIGHT GRAY	LONG	34900-4126									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION F	BLACK	BLACK	LONG	34900-4125									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION E	BLACK	DARK GRAY	LONG	34900-4124									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION D	BLACK	LIGHT GRAY	LONG	34900-4123									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION C	BLACK	DARK GRAY	LONG	34900-4122									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION B	BLACK	STONE GRAY	LONG	34900-4121									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION A	BLACK	BLACK	LONG	34900-4120									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION G	YELLOW	LIGHT GRAY	LONG	34900-4116									SALEABLE	1 2
KEY OPTION F	YELLOW	BLACK	LONG	34900-4115									SALEABLE	1 2
KEY OPTION E	YELLOW	DARK GRAY	LONG	34900-4114									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION D	YELLOW	LIGHT GRAY	LONG	34900-4113									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION C	YELLOW	DARK GRAY	LONG	34900-4112									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION B	YELLOW	STONE GRAY	LONG	34900-4111									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION A	YELLOW	BLACK	LONG	34900-4110									TOOLED BUT NOT VALIDATED	1 2
KEY OPTION G	BLACK	LIGHT GRAY	LONG	34900-4026									OBSOLETE	1 2
KEY OPTION F	BLACK	BLACK	LONG	34900-4025									OBSOLETE	1 2
KEY OPTION E	BLACK	DARK GRAY	LONG	34900-4024									OBSOLETE	1 2
KEY OPTION D	BLACK	LIGHT GRAY	LONG	34900-4023									OBSOLETE	1 2
KEY OPTION C	BLACK	DARK GRAY	LONG	34900-4022									OBSOLETE	1 2
KEY OPTION B	BLACK	STONE GRAY	LONG	34900-4021									OBSOLETE	1 2
KEY OPTION A	BLACK	BLACK	LONG	34900-4020									OBSOLETE	1 2
KEY OPTION G	YELLOW	LIGHT GRAY	LONG	34900-4016									OBSOLETE	1 2
KEY OPTION F	YELLOW	BLACK	LONG	34900-4015									OBSOLETE	1 2
KEY OPTION E	YELLOW	DARK GRAY	LONG	34900-4014									OBSOLETE	1 2
KEY OPTION D	YELLOW	LIGHT GRAY	LONG	34900-4013									OBSOLETE	1 2
KEY OPTION C	YELLOW	DARK GRAY	LONG	34900-4012									OBSOLETE	1 2
KEY OPTION B	YELLOW	STONE GRAY	LONG	34900-4011									OBSOLETE	1 2
KEY OPTION A	YELLOW	BLACK	LONG	34900-4010									OBSOLETE	1 2
ASSEMBLY DESCRIPTION	CONNECTOR HOUSING COLOR	TERMINAL HOUSING COLOR	OUTER HOUSING SHROUD LENGTH	ASSEMBLY PART NUMBER									PRODUCTION TOOL STATUS	COMMENTS

ABREVIATION	COMPONENT
CHY	CONNECTOR HOUSING YELLOW
CHB	CONNECTOR HOUSING BLACK
CHBM	CONNECTOR HOUSING BLACK MID SHROUD
A	TERMINAL HOUSING KEY A
B	TERMINAL HOUSING KEY B
C	TERMINAL HOUSING KEY C
D	TERMINAL HOUSING KEY D
E	TERMINAL HOUSING KEY E
F	TERMINAL HOUSING KEY F
G	TERMINAL HOUSING KEY G
CPA	CPA
ISL	ISL
RING SEAL	RING SEAL
1	USCAR INTERFACE 120-S-004-1-202 SEE NOTE 1f FOR WEBSITE
2	MOLEX INLINE BLADE CONNECTOR SD-34899-6001

DESCRIPTION	COLOR	MATERIAL	COMMENTS
RING SEAL	LIGHT BLUE	INHERENTLY LUBRICATED SILICONE	
ISL	NATURAL	SPS/NYLON GF20	
CPA	RED	PBT GF30	
TERMINAL HOUSING KEYING OPTION G	LIGHT GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION F	BLACK	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION E	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION D	LIGHT GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION C	DARK GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION B	STONE GRAY	SPS/NYLON GF20	
TERMINAL HOUSING KEYING OPTION A	BLACK	SPS/NYLON GF20	
MID LENGTH CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	UPDATED LATCH
CONNECTOR HOUSING	BLACK	SPS/NYLON GF20	
CONNECTOR HOUSING	YELLOW	SPS/NYLON GF20	

ENTER DESCRIPTION ELEC NO: UAU2015-1081 DRAWN BY: SHANAN 2015/01/08 CHYK: APPR: VKSHY 2015/01/15 REV:	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.10 ± --- 1 PLACE ± 0.20 ± --- 0 PLACE ± 0.50 ± --- ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: DATE MYANSLAMBROU 2012/05/03 CHECKED BY: DATE	SCALE 5:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 12MM 1X4, 1X6 RECP. SEALED ASSEMBLY CABLE SEAL molex MATERIAL NO. SEE BOM DOCUMENT NO. SD-34900-6001 SHEET NO. 5 OF 6
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
	SIZE D				

