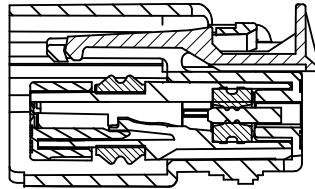
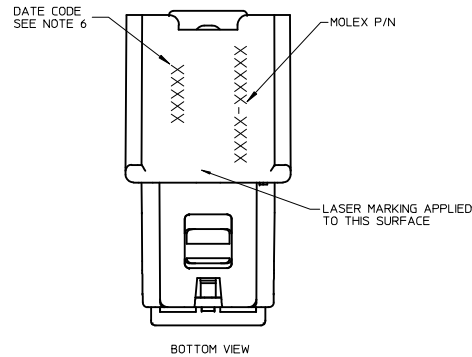


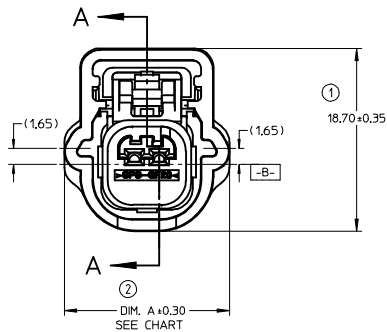
SECTION A-A
TPA SHOWN IN AS-SHIPED
PRE-LOCKED POSITION
SEE NOTE 3



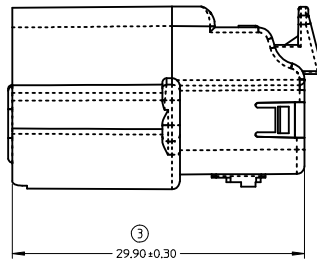
SECTION A-A
TPA SHOWN IN FINAL
LOCKED POSITION



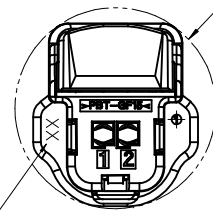
BOTTOM VIEW



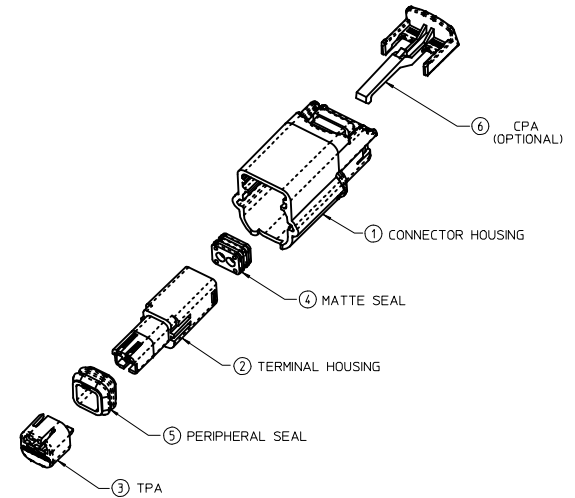
FRONT VIEW



RIGHT SIDE VIEW



BACK VIEW



ITEM	DESCRIPTION	COLOR
1	CONNECTOR HOUSING	SEE CHART
2	TERMINAL HOUSING	BLACK
3	TPA	NATURAL
4	MATTE SEAL	SEE CHART
5	PERIPHERAL SEAL	SEE CHART
6	CPA - OPTIONAL	RED

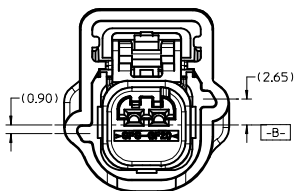
NOTES:

- DESIGNED TO MATE WITH DEVICE CONNECTION AS SPECIFIED IN USCAR DRAWINGS AVAILABLE AT <http://ewcap.uscarteams.org/>.
1X2 064-S-002-1-Z02
1X3 064-S-003-1-Z01
1X4 064-S-004-1-Z02
1X5 064-S-005-1-Z02
1X6 064-S-006-1-Z02
1X8 064-S-008-1-Z02
- ASSEMBLY SHIPPED WITH TPA IN PRE-LOCKED POSITION (SEE SECTION A-A). UPON FULL TERMINAL ASSEMBLY, TPA MUST BE SEATED TO THE FINAL LOCKED POSITION.
- TPA'S MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, TPA'S SHOULD BE MOVED TO THE PRE-LOCKED POSITION PRIOR TO FEMALE TERMINAL INSTALLATION. REFERENCE PRODUCT SPECIFICATION: PS-34646-001
- SYSTEM TO BE USED WITH OUTSIDE WIRE DIAMETERS RANGING FROM 1.20MM TO 2.06MM WITHIN RANGE OF:
- SAE 22 AWG TO 18 AWG PER ESB-MIL123-A2
- ISO 0.35MM² TO 0.75MM² PER GMW15626 AND ES-AUST-1A348-AA
- POLARIZATION FEATURE EFFECTIVENESS PER USCAR-2 PARAGRAPH 5.4.4 IS REDUCED WHEN TESTING ALL POLARIZATION OPTIONS: 100N MIN.
- DATE CODE: FIRST TWO DIGITS ARE THE CALENDAR YEAR (EXAMPLE: 04 = 2004), THIRD THROUGH 5TH DIGIT DAY # OF THE CALENDAR YEAR (EXAMPLE: FEB. 3RD = '034).
- SEE SHEET #2 FOR CONNECTOR ASSEMBLY WITH CLIP SLOT.
- FOR CLIPSSLOT CONNECTOR: CLIP OVERHANGS CONNECTOR, PLEASE CHECK APPLICATION (COULD CAUSE WIRE CHAFING)-SHORTER CLIP IS A RECOMMENDATION.

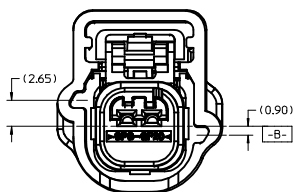
CONNECTOR ASSEMBLY WITHOUT CLIPSLOT

PART NUMBER LEGEND
CONNECTOR ASSEMBLY

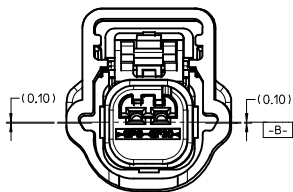
- 3140X-XXXX
- SEAL PLUG CONFIGURATION (AS MOLDED)
0 - ALL CIRCUITS OPEN
1-9 SEE CHART
 - CPA OPTION
0 OR 2 - WITHOUT CPA
1 OR 3 - WITH CPA
4 - WITHOUT CPA, WITH CLIPSLOT
5 - WITH CPA, WITH CLIPSLOT
 - USCAR POLARIZATION OPTION
1 - POLARIZATION OPTION A
2 - POLARIZATION OPTION B
3 - POLARIZATION OPTION C
4 - POLARIZATION OPTION D
5 - POLARIZATION OPTION B, BLACK
6 - POLARIZATION OPTION C, BLACK
7 - POLARIZATION OPTION D, BLACK
8 - POLARIZATION OPTION C, NATURAL
9 - POLARIZATION OPTION D, GRAY
 - CIRCUIT SIZE 2, 3, 4, 5, 6 & 8
 - TERMINAL OPTION
2 - TYCO/MOLEX GET 0.64
3 - MOLEX 0.64
4 - YAZAKI KAIZEN 0.64



POLARIZATION A



POLARIZATION B

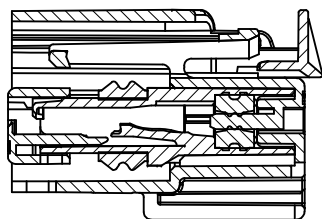


POLARIZATION C



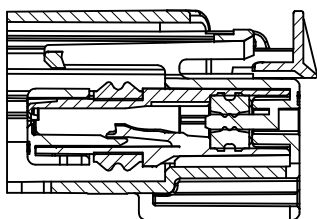
POLARIZATION D

EC NO: UAU2014-0279 DRAWING 104 CHKD: JEN02 APPROV: CLISLE 2013/08/16 2013/08/20 2013/08/26	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.3 ± --- ANGULAR ± 3 °	DIMENSION STYLE MM ONLY DRAWN BY DATE RCARLSON 2003/09/25 CHECKED BY DATE RCARLSON 2004/09/28 APPROVED BY DATE VKOSHY 2010/11/22	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY	MOLEX INCORPORATED	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-31402-211	SHEET NO. 1 OF 5
EC NO: UAU2014-0279	DESCRIPTION	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SIZE D	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					



SECTION C-C

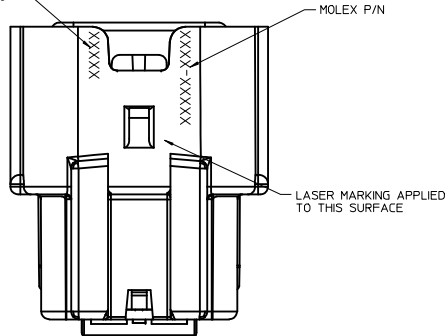
TPA SHOWN IN AS-SHIPED
PRE-LOCKED POSITION
SEE NOTE 3



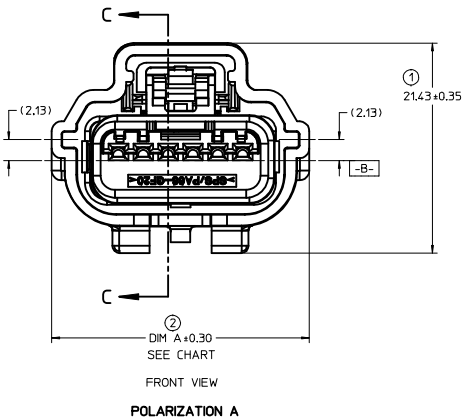
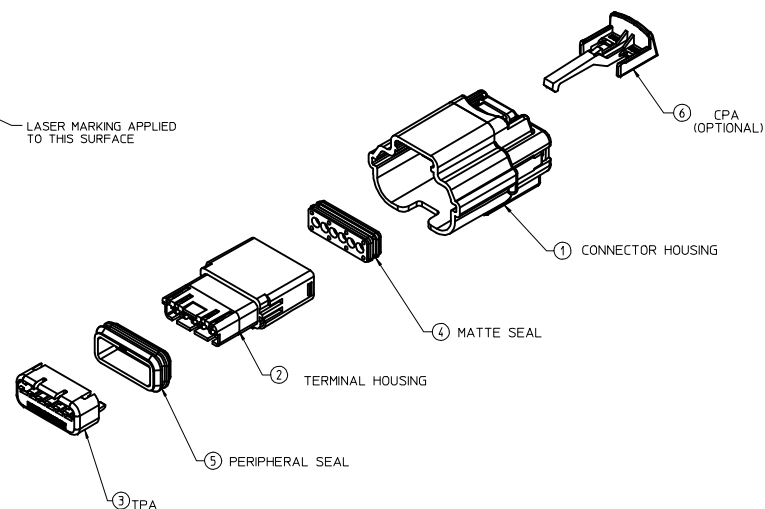
SECTION C-C

TPA SHOWN IN FINAL
LOCKED POSITION

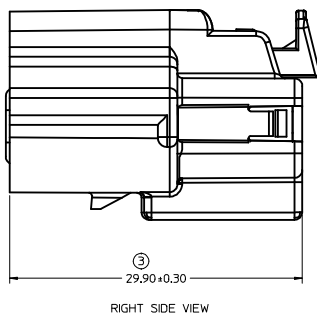
DATE CODE
SEE NOTE 6



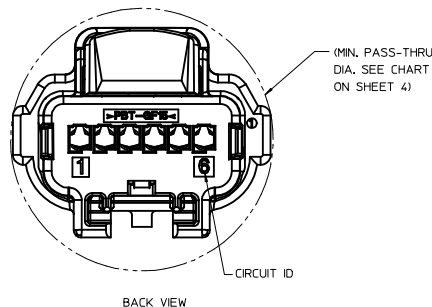
BOTTOM VIEW



POLARIZATION A



RIGHT SIDE VIEW



BACK VIEW

CONNECTOR ASSEMBLY WITH CLIPSLOT

ENTER DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
IEC NO: UAU2014-0279		▽=0		mm		MM ONLY		4:1		METRIC		THIRD ANGLE PROJECTION	
DRAWING NO: 2013/08/16		▽=0		INCH		DRAWN BY		DATE		TITLE			
CHKD: JENG02		▽=0		4 PLACES ± ---		RCARLSON		2003/09/25		0.64 USCAR CONNECTOR			
APPR: DC LLSLE		▽=0		3 PLACES ± ---		CHECKED BY		DATE		SEALED SINGLE ROW			
				2 PLACES ± 0.13		RCARLSON		2004/09/28		ASSEMBLY			
				1 PLACE ± 0.3		APPROVED BY		DATE		MOLEX INCORPORATED			
				ANGULAR ± 3 °		VKOSHY		2010/11/22		DOCUMENT NO.			
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SEE CHART		SD-31402-211			
						SIZE		D		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1																																																																																																																																																																																																																																																																																																																																																																										
<table><tr><th>PART NUMBER WITHOUT CPA</th><th>PART NUMBER WITH CPA</th><th>CLIPSLOT OPTION</th><th>ROW/ CIRCUITS</th><th>KEY*</th><th>MATTE SEAL COLOR</th><th>PERMETER SEAL COLOR</th><th>CONNECTOR COLOR</th><th>WIDTH (A)</th><th>MIN. PASS THRU DIA.</th><th>FEMALE TERMINAL SUPPLIER</th><th>USCAR FOOTPRINT DRAWING NO.</th><th>STATUS</th></tr><tr><td>31402-2100</td><td>31402-2110</td><td rowspan="32">NO</td><td rowspan="32">1 X 2</td><td>A</td><td rowspan="32">ROYAL BLUE</td><td rowspan="32">BLUE</td><td>BLACK</td><td rowspan="32">16.88</td><td rowspan="32">(20.80)</td><td rowspan="16">TYCO OR MOLEX GET 0.64</td><td rowspan="32">064-S-002-1-Z02</td><td>TOOLED</td></tr><tr><td>31402-2200</td><td>31402-2210</td><td>B</td><td>GRAY</td><td>TOOLED</td></tr><tr><td>31402-2300</td><td>31402-2310</td><td>C</td><td>BROWN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31402-2400</td><td>31402-2410</td><td>D</td><td>GREEN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31402-2500</td><td>31402-2510</td><td>B</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31402-2600</td><td>31402-2610</td><td>C</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31402-2700</td><td>31402-2710</td><td>D</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-2100</td><td>31403-2110</td><td>A</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-2200</td><td>31403-2210</td><td>B</td><td>GRAY</td><td>TOOLED</td></tr><tr><td>31403-2300</td><td>31403-2310</td><td>C</td><td>BROWN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31403-2400</td><td>31403-2410</td><td>D</td><td>GREEN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31403-2500</td><td>31403-2510</td><td>B</td><td>BLACK</td><td>TOOLED BUT NOT VALIDATED</td></tr><tr><td>31403-2600</td><td>31403-2610</td><td>C</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-2700</td><td>31403-2710</td><td>D</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-2800</td><td>31403-2810</td><td>C</td><td>NATURAL</td><td>OK TO TOOL</td></tr><tr><td>31403-2900</td><td>31403-2910</td><td>D</td><td>GRAY</td><td>TOOLED</td></tr><tr><td>31404-2100</td><td>31404-2110</td><td>A</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31404-2200</td><td>31404-2210</td><td>B</td><td>GRAY</td><td>NOT TOOLED</td></tr><tr><td>31404-2300</td><td>31404-2310</td><td>C</td><td>BROWN</td><td>NOT TOOLED</td></tr><tr><td>31404-2400</td><td>31404-2410</td><td>D</td><td>GREEN</td><td>NOT TOOLED</td></tr><tr><td>31404-2500</td><td>31404-2510</td><td>B</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31404-2600</td><td>31404-2610</td><td>C</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31404-2700</td><td>31404-2710</td><td>D</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31402-3100</td><td>31402-3110</td><td rowspan="32">NO</td><td rowspan="32">1 X 3</td><td>A</td><td rowspan="32">LIGHT BLUE</td><td rowspan="32">RUST RED</td><td>BLACK</td><td rowspan="32">18.70</td><td rowspan="32">(22.00)</td><td rowspan="16">TYCO OR MOLEX GET 0.64</td><td rowspan="32">064-S-003-1-Z01</td><td>TOOLED</td></tr><tr><td>31402-3200</td><td>31402-3210</td><td>B</td><td>GRAY</td><td>TOOLED</td></tr><tr><td>31402-3300</td><td>31402-3310</td><td>C</td><td>BROWN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31402-3400</td><td>31402-3410</td><td>D</td><td>GREEN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31402-3500</td><td>31402-3510</td><td>B</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31402-3600</td><td>31402-3610</td><td>C</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31402-3700</td><td>31402-3710</td><td>D</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-3100</td><td>31403-3110</td><td>A</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-3200</td><td>31403-3210</td><td>B</td><td>GRAY</td><td>TOOLED</td></tr><tr><td>31403-3300</td><td>31403-3310</td><td>C</td><td>BROWN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31403-3400</td><td>31403-3410</td><td>D</td><td>GREEN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31403-3500</td><td>31403-3510</td><td>B</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-3600</td><td>31403-3610</td><td>C</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31403-3700</td><td>31403-3710</td><td>D</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31404-3100</td><td>31404-3110</td><td>A</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31404-3200</td><td>31404-3210</td><td>B</td><td>GRAY</td><td>TOOLED</td></tr><tr><td>31404-3300</td><td>31404-3310</td><td>C</td><td>BROWN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31404-3400</td><td>31404-3410</td><td>D</td><td>GREEN</td><td>TOOLED, COLOR UNAVAILABLE</td></tr><tr><td>31404-3500</td><td>31404-3510</td><td>B</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31404-3600</td><td>31404-3610</td><td>C</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31404-3700</td><td>31404-3710</td><td>D</td><td>BLACK</td><td>TOOLED</td></tr><tr><td>31402-4100</td><td>31402-4110</td><td rowspan="32">NO</td><td rowspan="32">1 X 4</td><td>A</td><td rowspan="32">TBD</td><td rowspan="32">TBD</td><td>BLACK</td><td rowspan="32">21.25</td><td rowspan="32">(22.34)</td><td rowspan="16">TYCO OR MOLEX GET 0.64</td><td rowspan="32">064-S-004-1-Z02</td><td>NOT TOOLED</td></tr><tr><td>31402-4200</td><td>31402-4210</td><td>B</td><td>GRAY</td><td>NOT TOOLED</td></tr><tr><td>31402-4300</td><td>31402-4310</td><td>C</td><td>BROWN</td><td>NOT TOOLED</td></tr><tr><td>31402-4400</td><td>31402-4410</td><td>D</td><td>GREEN</td><td>NOT TOOLED</td></tr><tr><td>31402-4500</td><td>31402-4510</td><td>B</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31402-4600</td><td>31402-4610</td><td>C</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31402-4700</td><td>31402-4710</td><td>D</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31403-4100</td><td>31403-4110</td><td>A</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31403-4200</td><td>31403-4210</td><td>B</td><td>GRAY</td><td>NOT TOOLED</td></tr><tr><td>31403-4300</td><td>31403-4310</td><td>C</td><td>BROWN</td><td>NOT TOOLED</td></tr><tr><td>31403-4400</td><td>31403-4410</td><td>D</td><td>GREEN</td><td>NOT TOOLED</td></tr><tr><td>31403-4500</td><td>31403-4510</td><td>B</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31403-4600</td><td>31403-4610</td><td>C</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31403-4700</td><td>31403-4710</td><td>D</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31404-4100</td><td>31404-4110</td><td>A</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31404-4200</td><td>31404-4210</td><td>B</td><td>GRAY</td><td>NOT TOOLED</td></tr><tr><td>31404-4300</td><td>31404-4310</td><td>C</td><td>BROWN</td><td>NOT TOOLED</td></tr><tr><td>31404-4400</td><td>31404-4410</td><td>D</td><td>GREEN</td><td>NOT TOOLED</td></tr><tr><td>31404-4500</td><td>31404-4510</td><td>B</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31404-4600</td><td>31404-4610</td><td>C</td><td>BLACK</td><td>NOT TOOLED</td></tr><tr><td>31404-4700</td><td>31404-4710</td><td>D</td><td>BLACK</td><td>NOT TOOLED</td></tr></table>																				PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLIPSLOT OPTION	ROW/ CIRCUITS	KEY*	MATTE SEAL COLOR	PERMETER SEAL COLOR	CONNECTOR COLOR	WIDTH (A)	MIN. PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS	31402-2100	31402-2110	NO	1 X 2	A	ROYAL BLUE	BLUE	BLACK	16.88	(20.80)	TYCO OR MOLEX GET 0.64	064-S-002-1-Z02	TOOLED	31402-2200	31402-2210	B	GRAY	TOOLED	31402-2300	31402-2310	C	BROWN	TOOLED, COLOR UNAVAILABLE	31402-2400	31402-2410	D	GREEN	TOOLED, COLOR UNAVAILABLE	31402-2500	31402-2510	B	BLACK	TOOLED	31402-2600	31402-2610	C	BLACK	TOOLED	31402-2700	31402-2710	D	BLACK	TOOLED	31403-2100	31403-2110	A	BLACK	TOOLED	31403-2200	31403-2210	B	GRAY	TOOLED	31403-2300	31403-2310	C	BROWN	TOOLED, COLOR UNAVAILABLE	31403-2400	31403-2410	D	GREEN	TOOLED, COLOR UNAVAILABLE	31403-2500	31403-2510	B	BLACK	TOOLED BUT NOT VALIDATED	31403-2600	31403-2610	C	BLACK	TOOLED	31403-2700	31403-2710	D	BLACK	TOOLED	31403-2800	31403-2810	C	NATURAL	OK TO TOOL	31403-2900	31403-2910	D	GRAY	TOOLED	31404-2100	31404-2110	A	BLACK	NOT TOOLED	31404-2200	31404-2210	B	GRAY	NOT TOOLED	31404-2300	31404-2310	C	BROWN	NOT TOOLED	31404-2400	31404-2410	D	GREEN	NOT TOOLED	31404-2500	31404-2510	B	BLACK	NOT TOOLED	31404-2600	31404-2610	C	BLACK	NOT TOOLED	31404-2700	31404-2710	D	BLACK	NOT TOOLED	31402-3100	31402-3110	NO	1 X 3	A	LIGHT BLUE	RUST RED	BLACK	18.70	(22.00)	TYCO OR MOLEX GET 0.64	064-S-003-1-Z01	TOOLED	31402-3200	31402-3210	B	GRAY	TOOLED	31402-3300	31402-3310	C	BROWN	TOOLED, COLOR UNAVAILABLE	31402-3400	31402-3410	D	GREEN	TOOLED, COLOR UNAVAILABLE	31402-3500	31402-3510	B	BLACK	TOOLED	31402-3600	31402-3610	C	BLACK	TOOLED	31402-3700	31402-3710	D	BLACK	TOOLED	31403-3100	31403-3110	A	BLACK	TOOLED	31403-3200	31403-3210	B	GRAY	TOOLED	31403-3300	31403-3310	C	BROWN	TOOLED, COLOR UNAVAILABLE	31403-3400	31403-3410	D	GREEN	TOOLED, COLOR UNAVAILABLE	31403-3500	31403-3510	B	BLACK	TOOLED	31403-3600	31403-3610	C	BLACK	TOOLED	31403-3700	31403-3710	D	BLACK	TOOLED	31404-3100	31404-3110	A	BLACK	TOOLED	31404-3200	31404-3210	B	GRAY	TOOLED	31404-3300	31404-3310	C	BROWN	TOOLED, COLOR UNAVAILABLE	31404-3400	31404-3410	D	GREEN	TOOLED, COLOR UNAVAILABLE	31404-3500	31404-3510	B	BLACK	TOOLED	31404-3600	31404-3610	C	BLACK	TOOLED	31404-3700	31404-3710	D	BLACK	TOOLED	31402-4100	31402-4110	NO	1 X 4	A	TBD	TBD	BLACK	21.25	(22.34)	TYCO OR MOLEX GET 0.64	064-S-004-1-Z02	NOT TOOLED	31402-4200	31402-4210	B	GRAY	NOT TOOLED	31402-4300	31402-4310	C	BROWN	NOT TOOLED	31402-4400	31402-4410	D	GREEN	NOT TOOLED	31402-4500	31402-4510	B	BLACK	NOT TOOLED	31402-4600	31402-4610	C	BLACK	NOT TOOLED	31402-4700	31402-4710	D	BLACK	NOT TOOLED	31403-4100	31403-4110	A	BLACK	NOT TOOLED	31403-4200	31403-4210	B	GRAY	NOT TOOLED	31403-4300	31403-4310	C	BROWN	NOT TOOLED	31403-4400	31403-4410	D	GREEN	NOT TOOLED	31403-4500	31403-4510	B	BLACK	NOT TOOLED	31403-4600	31403-4610	C	BLACK	NOT TOOLED	31403-4700	31403-4710	D	BLACK	NOT TOOLED	31404-4100	31404-4110	A	BLACK	NOT TOOLED	31404-4200	31404-4210	B	GRAY	NOT TOOLED	31404-4300	31404-4310	C	BROWN	NOT TOOLED	31404-4400	31404-4410	D	GREEN	NOT TOOLED	31404-4500	31404-4510	B	BLACK	NOT TOOLED	31404-4600	31404-4610	C	BLACK	NOT TOOLED	31404-4700	31404-4710	D	BLACK	NOT TOOLED
PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLIPSLOT OPTION	ROW/ CIRCUITS	KEY*	MATTE SEAL COLOR	PERMETER SEAL COLOR	CONNECTOR COLOR	WIDTH (A)	MIN. PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS																																																																																																																																																																																																																																																																																																																																																																																	
31402-2100	31402-2110	NO	1 X 2	A	ROYAL BLUE	BLUE	BLACK	16.88	(20.80)	TYCO OR MOLEX GET 0.64	064-S-002-1-Z02	TOOLED																																																																																																																																																																																																																																																																																																																																																																																	
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EC NO: UAU2014-0279 DRAWING ID: 20108816 CHKD:JDN02 APPROC L:USE 20108816	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
		4 PLACES ± --- mm INCH ± ---	3 PLACES ± --- mm INCH ± ---	2 PLACES ± 0.13 mm INCH ± 0.3	1 PLACE ± 0.3 mm INCH ± 3 °	DRAWN BY PCARLSON CHECKED BY PCARLSON APPROVED BY VKOSHY	DATE 2003/09/25 2004/09/28 2010/11/22	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE D		SEE CHART		SD-31402-211		SHEET NO. 3 OF 5
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

From: D.P. AM T	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
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PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLIPSLOT OPTION	ROW/ CIRCUITS	KEY*	MATTE SEAL COLOR	PERIMETER SEAL COLOR	CONNECTOR COLOR	WIDTH DIM (A)	MIN. PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS	
31402-5100	31402-5110	NO	1 X 5	A	TBD	TBD	BLACK	23.80	(24,28)	TYCO OR MOLEX GET 0.64	064-S-005-1-Z02	NOT TOOLED	
31402-5200	31402-5210			B			GRAY					NOT TOOLED	
31402-5300	31402-5310			C			BROWN					NOT TOOLED	
31402-5400	31402-5410			D			GREEN					NOT TOOLED	
31402-5500	31402-5510			B			BLACK					NOT TOOLED	
31402-5600	31402-5610			C			BLACK					NOT TOOLED	
31402-5700	31402-5710			D			BLACK					NOT TOOLED	
31403-5100	31403-5110			A			BLACK			MOLEX 0.64		NOT TOOLED	
31403-5200	31403-5210			B			GRAY					NOT TOOLED	
31403-5300	31403-5310			C			BROWN					NOT TOOLED	
31403-5400	31403-5410			D			GREEN					NOT TOOLED	
31403-5500	31403-5510			B			BLACK					NOT TOOLED	
31403-5600	31403-5610			C			BLACK					NOT TOOLED	
31403-5700	31403-5710			D			BLACK					NOT TOOLED	
31404-5100	31404-5110			A			BLACK			YAZAKI KAIZEN 0.64		NOT TOOLED	
31404-5200	31404-5210			B			GRAY					NOT TOOLED	
31404-5300	31404-5310			C			BROWN					NOT TOOLED	
31404-5400	31404-5410			D			GREEN					NOT TOOLED	
31404-5500	31404-5510			B			BLACK					NOT TOOLED	
31404-5600	31404-5610			C			BLACK					NOT TOOLED	
31404-5700	31404-5710			D			BLACK					NOT TOOLED	
31402-6100	31402-6110	NO	1 X 6	A	ROYAL BLUE	LIGHT BLUE	BLACK	26.33	(26,82)	TYCO OR MOLEX GET 0.64	064-S-006-1-Z02	TOOLED	
31402-6200	31402-6210			B			GRAY					TOOLED	
31402-6300	31402-6310			C			BROWN					TOOLED, COLOR UNAVAILABLE	
31402-6400	31402-6410			D			GREEN					TOOLED, COLOR UNAVAILABLE	
31402-6500	31402-6510			B			BLACK					TOOLED	
31402-6600	31402-6610			C			BLACK					TOOLED	
31402-6700	31402-6710			D			BLACK					TOOLED	
31403-6100	31403-6110			A			BLACK			MOLEX 0.64		TOOLED	
31403-6200	31403-6210			B			GRAY					TOOLED	
31403-6300	31403-6310			C			BROWN					TOOLED, COLOR UNAVAILABLE	
31403-6400	31403-6410			D			GREEN					TOOLED, COLOR UNAVAILABLE	
31403-6500	31403-6510			B			BLACK					TOOLED	
31403-6600	31403-6610			C			BLACK					TOOLED	
31403-6700	31403-6710			D			BLACK					TOOLED	
31404-6100	31404-6110			A			BLACK			YAZAKI KAIZEN 0.64		TOOLED	
31404-6200	31404-6210			B			GRAY					TOOLED	
31404-6300	31404-6310			C			BROWN					TOOLED, COLOR UNAVAILABLE	
31404-6400	31404-6410			D			GREEN					TOOLED, COLOR UNAVAILABLE	
31404-6500	31404-6510			B			BLACK					TOOLED	
31404-6600	31404-6610			C			BLACK					TOOLED	
31404-6700	31404-6710			D			BLACK					TOOLED	
31404-6800	31404-6810			C			NATURAL					OK TO TOOL	

EC NO: UAU2014-0279 2013/08/16 DRAWING 104 CHYO:JENGO2 2013/08/20 APPR:DC LLSLE 2013/08/26	QUALITY SYMBOLS =0 =0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
		mm INCH		DRAWN BY RCARLSON		DATE 2003/09/25	TITLE 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY		
		4 PLACES ± --- ± ---		CHECKED BY RCARLSON		DATE 2004/09/28	MOLEX MOLEX INCORPORATED		
		3 PLACES ± --- ± ---		APPROVED BY VKOSHY		DATE 2010/11/22	SHEET NO. 4 OF 5		
2 PLACES ± 0.13 ± ---		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-31402-211		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	
1 PLACE ± 0.3 ± ---				ANGULAR ± 3 °					

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1

PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLIPSLOT OPTION	ROW/ CIRCUITS	KEY*	MATE SEAL COLOR	PERMETER SEAL COLOR	CONNECTOR COLOR	WIDTH DIM (A)	MIN. PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS
31402-8100	31402-8110	NO	1 X 8	A	TBD	TBD	BLACK	3125	(3190)	TYCO OR MOLEX GET 0.64	064-S-008-1-Z02	NOT TOOLED
31402-8200	31402-8210			B			GRAY					NOT TOOLED
31402-8300	31402-8310			C			BROWN					NOT TOOLED
31402-8400	31402-8410			D			GREEN					NOT TOOLED
31402-8500	31402-8510			B			BLACK					NOT TOOLED
31402-8600	31402-8610			C			BLACK					NOT TOOLED
31402-8700	31402-8710			D			BLACK					NOT TOOLED
31403-8100	31403-8110			A			BLACK			MOLEX 0.64		NOT TOOLED
31403-8200	31403-8210			B			GRAY					NOT TOOLED
31403-8300	31403-8310			C			BROWN					NOT TOOLED
31403-8400	31403-8410			D			GREEN					NOT TOOLED
31403-8500	31403-8510			B			BLACK					NOT TOOLED
31403-8600	31403-8610			C			BLACK					NOT TOOLED
31403-8700	31403-8710			D			BLACK					NOT TOOLED
31404-8100	31404-8110			A			BLACK			YAZAKI KAIZEN 0.64		NOT TOOLED
31404-8200	31404-8210			B			GRAY					NOT TOOLED
31404-8300	31404-8310			C			BROWN					NOT TOOLED
31404-8400	31404-8410			D			GREEN					NOT TOOLED
31404-8500	31404-8510			B			BLACK					NOT TOOLED
31404-8600	31404-8610			C			BLACK					NOT TOOLED
31404-8700	31404-8710			D			BLACK					NOT TOOLED

ADDITIONAL CAVITY PLUG CONFIGURATIONS:

ROW/ CIRCUITS	FEMALE TERMINAL	MOLEX P/N WITH CPA	MOLEX P/N WITHOUT CPA	KEY OPTION	CLIPSLOT OPTION	COLOR	CIRCUIT NUMBER: "0" INDICATED PLUG LOCATION						TOTAL CIRCUITS PLUGGED	STATUS
							1	2	3	4	5	6		
1X6	TYCO/MOLEX GET	31402-6110	31402-6100	A	NO	BLACK							0	TOOLED
		31402-6111	31402-6101	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED
		31402-6112	31402-6102	A	NO	BLACK	0	0					2	TOOLED
		31402-6113	31402-6103	A	NO	BLACK		0					1	TOOLED
		31402-6114	31402-6104	A	NO	BLACK	0	0	0	0			4	TOOLED
		31402-6115	31402-6105	A	NO	BLACK			0		0	0	3	TOOLED
	MOLEX 0.64	31402-6150	31402-6140	A	YES	BLACK							0	TOOLED
		31403-6110	31403-6100	A	NO	BLACK							0	TOOLED
		31403-6111	31403-6101	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED
		31403-6112	31403-6102	A	NO	BLACK			0				1	TOOLED
		31403-6113	31403-6103	A	NO	BLACK	0	0	0		0		4	TOOLED
	YAZAKI KAIZEN	31404-6110	31404-6100	A	NO	BLACK							0	TOOLED
		31404-6111	31404-6101	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED
		31404-6112	31404-6102	A	NO	BLACK	0		0				2	TOOLED
		31404-6113	31404-6103	A	NO	BLACK	0					0	2	TOOLED
		31404-6116	31404-6106	A	NO	BLACK						0	1	TOOLED
		31404-6117	31404-6107	A	NO	BLACK	0		0			0	3	TOOLED
		31404-6118	31404-6108	A	NO	BLACK	0						1	TOOLED
		31404-6119	31404-6109	A	NO	BLACK			0		0	0	3	TOOLED
		31404-6132	31404-6122	A	NO	BLACK			0				1	TOOLED
		31404-6213	31404-6203	B	NO	GRAY	0					U	2	TOOLED
		31404-6812	31404-6802	C	NO	NATURAL				0	0	0	3	OK TO TOOL
		31402-3113	31402-3103	A	NO	BLACK			0	-	-	-	1	OK TO TOOL

ENTER DESCRIPTION
IEC NO: UAU2014-0279
DRAWING NO: CHYKJ-0202
CHKD: JENG02
APPR: DC LLSLE
REV
2013/08/16
2013/08/20
2013/08/26

QUALITY SYMBOLS
▽=0
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)
mm
INCH
4 PLACES ± --- ± ---
3 PLACES ± --- ± ---
2 PLACES ± 0.13 ± ---
1 PLACE ± 0.3 ± ---
ANGULAR ± 3 °
DRAFT WHERE APPLICABLE
MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE
MM ONLY
DRAWN BY
RCARLSON
CHECKED BY
RCARLSON
APPROVED BY
VKOSHY
DATE
2003/09/25
2004/09/28
2010/11/22

SCALE
4:1
DESIGN UNITS
METRIC
THIRD ANGLE PROJECTION

TITLE
0.64 USCAR CONNECTOR
SEALED SINGLE ROW
ASSEMBLY
MOLEX INCORPORATED
SD-31402-211

MATERIAL NO.
SEE CHART
SIZE
D

DOCUMENT NO.
SD-31402-211
SHEET NO.
5 OF 5

1b_frame_D_P_AM_T
Rev. F 2009/06/17

19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1