

Excellent Integrated System Limited

Stocking Distributor

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[0314032600](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

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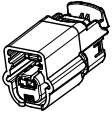
SHEET NO.	SHEET DESCRIPTION
1	NOTES AND BOM
2	CONNECTOR ASSEMBLY WITHOUT CLIPSLOT
3	CONNECTOR ASSEMBLY WITH CLIPSLOT
4-5	KEY CONFIGURATIONS
6-8	BOM

DRAWING INFORMATION

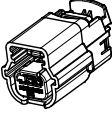
DESCRIPTION	DRAWING NO.
PRODUCT SPECIFICATION	PS-31402-000 FOR 31404 1X8 REFER TO PS-31404-001-1X8
PACKAGING	PK-31300-Z56
SALES DRAWING	SD-31402-211 FOR 31404 1X8 REFER TO SD-31404-811
TEST SUMMARY	FOR 1X2 REFER TO TS-31402-001-1X2 FOR 1X3 REFER TO TS-31402-001-1X3 FOR 1X6 REFER TO TS-31402-001-1X6 FOR 31404 1X8 REFER TO TS-31404-001-1X8

MATING INTERFACE DRAWING

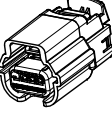
DESCRIPTION	INTERFACE DEFINITION
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1X3	#064-S-003-1-Z01
1X4	#064-S-004-1-Z02
1X5	#064-S-005-1-Z02
1X6	#064-S-006-1-Z02
1X8	#064-S-008-1-Z02



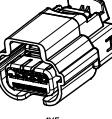
1X2



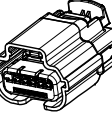
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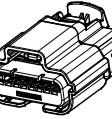
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1X5



1X6

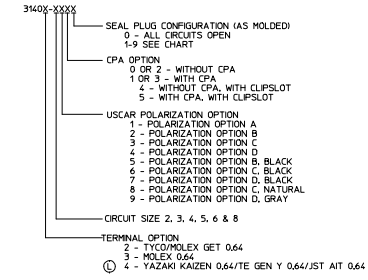


1X8

NOTES: VALID UNLESS OTHERWISE SPECIFIED

1. GENERAL:
 - a. APPLICATION SPECIFICATION SEE: AS-31402-000
 - CONTAINS: SEE AS CONTENT
 - DESIGNED TO MATE WITH DEVICE OR CONNECTOR AS SPECIFIED IN THE MATING INTERFACE DRAWINGS CHART.
 - NOTES DRAWINGS THAT CAN BE ACCESSED AT http://ewcap.uscorteam.com/.
 - ASSEMBLY SHIPPED WITH PLR IN PRE-LOCK POSITION (SEE PLR PRE-LOCK VIEW ON SHEET 2 SECTION A-A).
 - b. PRODUCT RELATED DRAWING REFER TO DRAWING INFORMATION CHART
 - c. 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-34666-001
 - d. PARTS MUST BE IN COMPLIANCE TO MOLEX CHEMICAL SUBSTANCES FOR PRODUCTS AND PACKAGING SPECIFICATION: GEN5-699000-301
 - e. DATA MUST BE SUBMITTED UNDER THE MOLEX PART NUMBER TO MDS (COMPANY ID#19255)
 - f. SYSTEM EXCEPT SERIES 31404 1X8 CIRCUIT TO BE USED WITH OUTSIDE WIRE DIAMETERS RANGING FROM 1.20MM TO 2.06MM WITHIN RANGE OF:
 - SAE 22 AWG TO 18 AWG PER E58-M123-A2
 - ISO 0.35MM TO 0.75MM PER GW15026 AND ES-AUST-1A348-AA
 - g. POLARIZATION FEATURE EFFECTIVENESS PER USCAR-2 PARAGRAPH 5.4.4 IS REDUCED WHEN TESTING ALL POLARIZATION OPTIONS: 100N MN.
 - h. SEE SHEET #3 FOR CONNECTOR ASSEMBLY WITH CLIPSLOT
 - i. FOR CLIPSLOT CONNECTOR: CLIP OVERHANGS CONNECTOR. PLEASE CHECK APPLICATION (COULD CAUSE WIRE CHAFING)-SHORTER CLIP IS A RECOMMENDATION.
2. DESIGN - GEOMETRY:
 - a. THE 3-D CAD DATA IS BASIC (WITHOUT TOLERANCED AND MASTER FOR THIS PART WITH THE EXCEPTION OF UNDERLINED DIMENSIONS. DIMENSIONAL INFORMATION NOT SHOWN ON THIS DRAWING IS DEFINED BY THE DATA FILE AT ITS LATEST REVISION.
 - b. GEOMETRIC DIMENSIONS AND TOLERANCES PER ASME Y14.5M-2009
 - c. EDGES AND UNDIMENSIONED DETAILS PER ISO13715
 - d. CORNERS SHOWN AS SHARP TO BE R. 0.2 MAX.
 - e. LETTERING SHALL BE 0.5 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. 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").

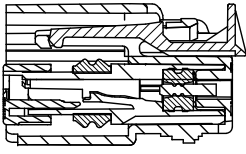
PART NUMBER LEGEND
CONNECTOR ASSEMBLY



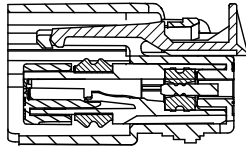
REV	REV DESCRIPTION
M	ADD P/N: 31402-618, 31402-618
L	1. REDRAW SALES DRAWING 2. UPDATE TERMINAL INFORMATION FOR 31404 SERIES 3. ADD P/N: 31403-6212, 31403-6202

REDRAW EC NO. 03/07/2007-0056 DRAWN BY: 2016/07/28 CHKD: APPRD: JER/06/28/2016/07/28 REV:	QUALITY SYMBOLS 4 PLACES ± 0.13 3 PLACES ± 0.13 2 PLACES ± 0.13 1 PLACE ± 0.3 0 PLACE ±	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH ± 0.13 ± 0.005 ± 0.13 ± 0.005 ± 0.13 ± 0.005 ± 0.3 ± 0.0125 ±	DIMENSION STYLE MM ONLY DRAWN BY: R. CARLSON DATE: 2003/09/25 CHECKED BY: R. CARLSON DATE: 2004/09/28 APPROVED BY: WKOSHY DATE: 2010/11/22 MATERIAL NO. SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION TITLE: 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY molex DOCUMENT NO. SD-31402-211 SHEET NO. 1 OF 8
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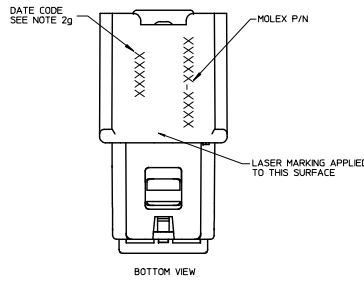
CONNECTOR ASSEMBLY
WITHOUT CLIPSLOT



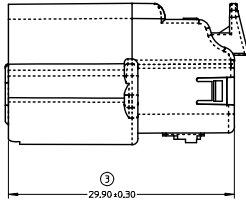
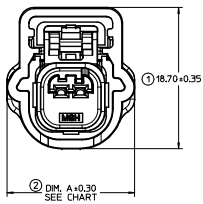
SECTION A-A
TPA SHOWN IN AS-SHIPPED
PRE-LOCKED POSITION
SEE NOTE 1c



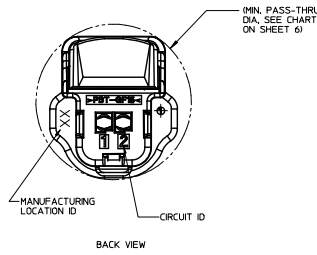
SECTION A-A
TPA SHOWN IN FINAL
LOCKED POSITION



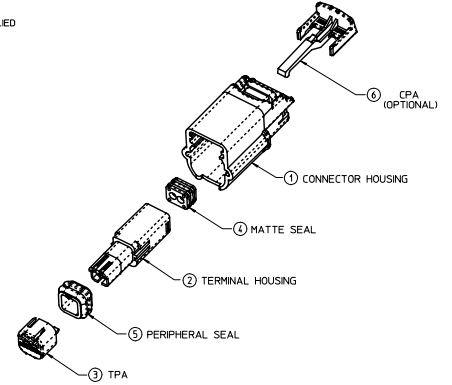
BOTTOM VIEW



RIGHT SIDE VIEW



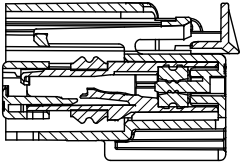
BACK VIEW



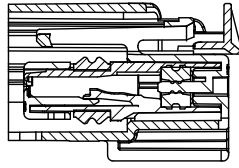
ITEM	DESCRIPTION	COLOR	MATERIAL
1	CONNECTOR HOUSING	SEE CHART	PBT GF15
2	TERMINAL HOUSING	BLACK	SPS/PA66 GF30
3	TPA	NATURAL	SPS/PA66 GF20
4	MATTE SEAL	SEE CHART	SILICONE RUBBER
5	PERIPHERAL SEAL	SEE CHART	SILICONE RUBBER
6	CPA - OPTIONAL	RED	PBT GF30

QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	mm	INCH	MM ONLY				
▽=0	4 PLACES ±---	±---	DRAWN BY	DATE	4:1	METRIC	0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY
▽=0	3 PLACES ±---	±---	RCARLSON	2003/09/25			
▽=0	2 PLACES ±0.13	±---	CHECKED BY	DATE			
▽=0	1 PLACE ±0.3	±---	RCARLSON	2004/09/28			
▽=0	0 PLACE ±---	±---	APPROVED BY	DATE	INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		SD-31402-211
ANGULAR ± 3°		±---	WKOSHY	2010/11/22	SEE CHART		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE 1		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX		SHEET NO. 2 OF 8	

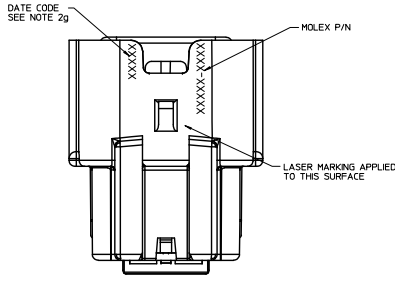
20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1



SECTION C-C
TPA SHOWN IN AS-SHIPED
PRE-LOCKED POSITION
SEE NOTE 1c

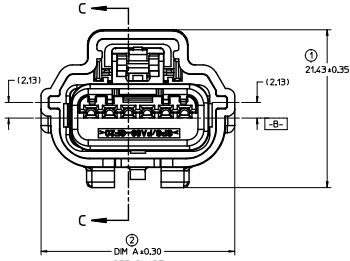
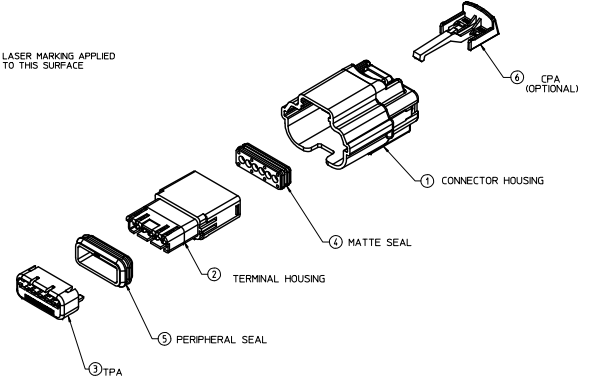


SECTION C-C
TPA SHOWN IN FINAL
LOCKED POSITION

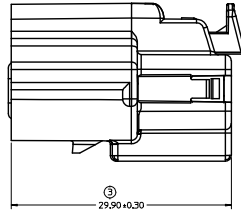


BOTTOM VIEW

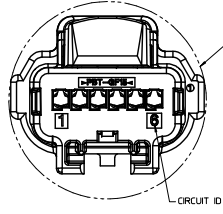
CONNECTOR ASSEMBLY WITH CLIPSLOT



FRONT VIEW
POLARIZATION A



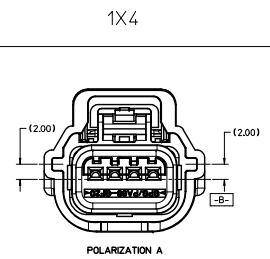
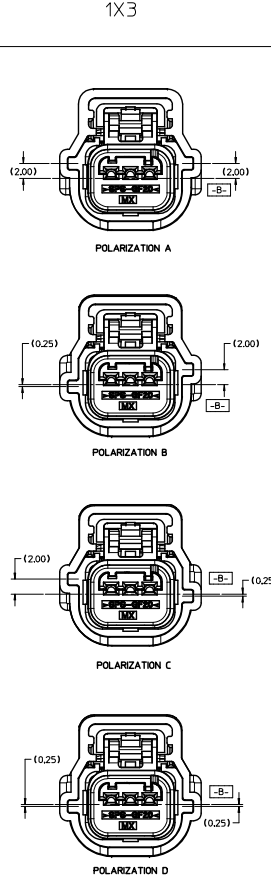
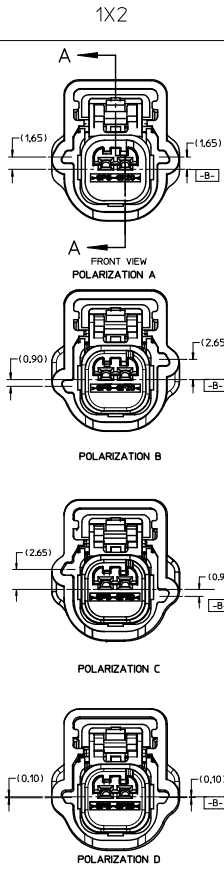
RIGHT SIDE VIEW



BACK VIEW

ITEM	DESCRIPTION	COLOR	MATERIAL
1	CONNECTOR HOUSING	SEE CHART	PBT GF15
2	TERMINAL HOUSING	BLACK	SPS/PA66 GF30
3	TPA	NATURAL	SPS/PA66 GF20
4	MATTE SEAL	SEE CHART	SILICONE RUBBER
5	PERIPHERAL SEAL	SEE CHART	SILICONE RUBBER
6	CPA - OPTIONAL	RED	PBT GF30

DRAWN BY: R. JAMES EC NO: 0314032600-0056 DATE: 2016/07/28 CHECKED BY: M. DRANNITE DATE: 2016/07/28 APPROVED BY: J. CHEN DATE: 2016/07/28 DESIGNED BY: M. DRANNITE DATE: 2016/07/28	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED) 4 PLACES ± mm INCH 3 PLACES ± mm INCH 2 PLACES ± 0.13 ± mm INCH 1 PLACE ± 0.3 ± mm INCH 0 PLACE ± mm INCH ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION STYLE MM ONLY DRAWN BY: R. CARLSON DATE: 2003/09/25 CHECKED BY: R. CARLSON DATE: 2004/09/28 APPROVED BY: W. KOSHY DATE: 2010/11/22 MATERIAL NO: SEE CHART	SCALE 4:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY 	DOCUMENT NO: SD-31402-211 SHEET NO: 3 OF 8
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
	R:\Frame_02_P_Alt-T Rev. 5 2002/01/11					
	19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2 1					

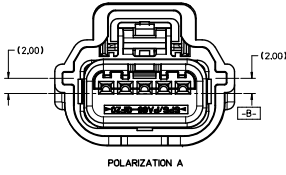


KEY CONFIGURATIONS

REVISION 0314032600-0056 2016/07/28 M CHECKED APPROVED DATE	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
	4 PLACES ± 0.13 3 PLACES ± 0.13 2 PLACES ± 0.13 1 PLACE ± 0.3 0 PLACE ±	mm INCH ± 0.13 ± 0.005 ± 0.13 ± 0.005 ± 0.13 ± 0.005 ± 0.3 ± 0.012 ± ±	MM ONLY	4:1	METRIC	DRAWN BY: R. CARLSON CHECKED BY: R. CARLSON APPROVED BY: NKOSHY DATE: 2003/09/25 DATE: 2004/09/28 DATE: 2010/11/22

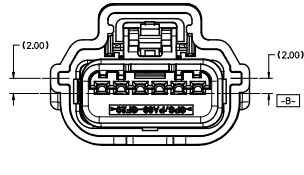
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

1X5

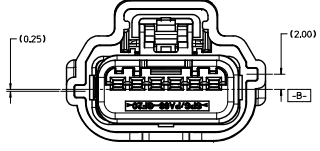


POLARIZATION A

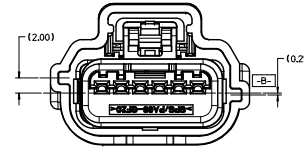
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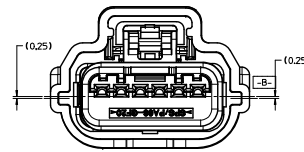
POLARIZATION A



POLARIZATION B

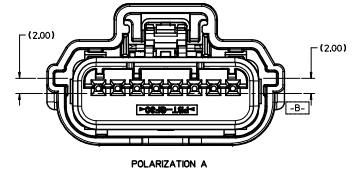


POLARIZATION C

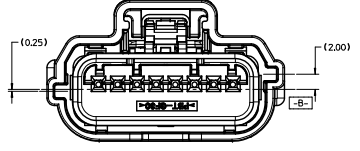


POLARIZATION D

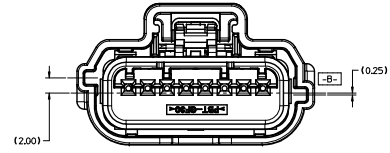
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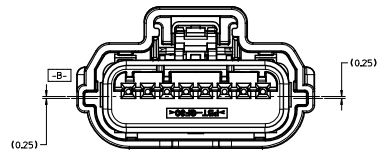
POLARIZATION A



POLARIZATION B



POLARIZATION C



POLARIZATION D

KEY CONFIGURATIONS

REDRAW EC NO. UAU2007-0056 M DRAWN BY CHYD APPROVED BY DATE	2010/07/23 2010/07/26	QUALITY SYMBOLS ∇=0 ∇=0 ∇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
			mm INCH 4 PLACES ±.--- ±.--- 3 PLACES ±.--- ±.--- 2 PLACES ±.13 ±.--- 1 PLACE ±.3 ±.--- 0 PLACE ±. ±.	DRAWN BY RCARLSON CHECKED BY RCARLSON APPROVED BY WKOSHY	DATE 2003/09/23 2004/09/28 2010/11/22	TITLE 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY	MATERIAL NO. SEE CHART	DOCUMENT NO. SD-31402-211	SHEET NO. 5 OF 8
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

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
31402-2100	31402-2110			A			BLACK					TOOLED
31402-2200	31402-2210			B			GRAY					TOOLED
31402-2300	31402-2310			C			BROWN			TYCO OR MOLEX GET 0.64		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
31403-2000	31403-2010			D			DK. GRAY					TOOLED
31403-2100	31403-2110			A			BLACK					TOOLED
31403-2200	31403-2210			B			GRAY	16.88	(20.80)			TOOLED
31403-2300	31403-2310			C			BROWN					TOOLED, COLOR UNAVAILABLE
31403-2400	31403-2410			D			BLACK					TOOLED, COLOR UNAVAILABLE
31403-2500	31403-2510			B	ROYAL BLUE	BLUE	BLACK			MOLEX 0.64	064-S-002-1-Z02	TOOLED
31403-2600	31403-2610			C			BLACK					TOOLED
31403-2700	31403-2710			D			BLACK					TOOLED
31403-2800	31403-2810			C			NATURAL					TOOLED
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			YAZAKI KAIZEN 0.64		NOT TOOLED
31404-2400	31404-2410			D			GREEN			TE GEN Y 0.64		NOT TOOLED
31404-2500	31404-2510			B			BLACK			JST AIT 0.64		NOT TOOLED
31404-2600	31404-2610			C			BLACK					NOT TOOLED
31404-2700	31404-2710			D			BLACK					NOT TOOLED
31402-3100	31402-3110			A			BLACK					TOOLED
31402-3200	31402-3210			B			GRAY					TOOLED
31402-3300	31402-3310			C			BROWN			TYCO OR MOLEX GET 0.64		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
31403-3000	31403-3010			D			DK. GRAY					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	18.70	(22.00)	MOLEX 0.64	064-S-003-1-Z01	TOOLED, COLOR UNAVAILABLE
31403-3500	31403-3510			B	LIGHT BLUE	RUST RED	BLACK					TOOLED
31403-3600	31403-3610			C			BLACK					TOOLED
31403-3700	31403-3710			D			BLACK					TOOLED
31403-3800	31403-3810			C			NATURAL					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			YAZAKI KAIZEN 0.64		TOOLED, COLOR UNAVAILABLE
31404-3500	31404-3510			B			BLACK			TE GEN Y 0.64		TOOLED
31404-3600	31404-3610			C			BLACK			JST AIT 0.64		TOOLED
31404-3700	31404-3710			D			BLACK					TOOLED
31402-4100	31402-4110			A			BLACK					NOT TOOLED
31402-4200	31402-4210			B			GRAY					NOT TOOLED
31402-4300	31402-4310			C			BROWN			TYCO OR MOLEX GET 0.64		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	21.25	(22.34)	MOLEX 0.64	064-S-004-1-Z02	NOT TOOLED
31403-4500	31403-4510			B	TBD	TBD	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			YAZAKI KAIZEN 0.64		NOT TOOLED
31404-4500	31404-4510			B			BLACK			TE GEN Y 0.64		NOT TOOLED
31404-4600	31404-4610			C			BLACK			JST AIT 0.64		NOT TOOLED
31404-4700	31404-4710			D			BLACK					NOT TOOLED

DRAWN BY: M. MALHOTRA EC NO: UAL207-0056 DATE: 20/06/07 CHECKED: CHIKU APPROVED: J. J. J. J. DATE: 20/06/07	QUALITY SYMBOLS: $\nabla=0$ $\nabla=0$ $\nabla=0$	GENERAL TOLERANCES (UNLESS SPECIFIED): 4 PLACES ± 0.13 3 PLACES ± 0.13 2 PLACES ± 0.13 1 PLACE ± 0.3 0 PLACE ± 0.3	DIMENSION STYLE: MM ONLY DRAWN BY: R. CARLSON DATE: 2003/09/25 CHECKED BY: R. CARLSON DATE: 2004/09/28 APPROVED BY: W. KOSHY DATE: 2010/11/22	SCALE: 4:1 DESIGN UNITS: METRIC THIRD ANGLE PROJECTION	TITLE: 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY 	MATERIAL NO: SEE CHART DOCUMENT NO: SD-31402-211 SHEET NO: 6 OF 8
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PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLIPSLOT OPTION	ROW/ CIRCUITS	KEY:	MATTE SEAL COLOR	PERMETER SEAL COLOR	CONNECTOR COLOR	WIDTH DIM (A)	MIN. PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS
31402-5100	31402-5110			A			BLACK					NOT TOOLED
31402-5200	31402-5210			B			GRAY					NOT TOOLED
31402-5300	31402-5310			C			BROWN					NOT TOOLED
31402-5400	31402-5410			D			GREEN			TYCO OR MOLEX GET 0.64		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					NOT TOOLED
31403-5200	31403-5210			B			GRAY					NOT TOOLED
31403-5300	31403-5310			C			BROWN					NOT TOOLED
31403-5400	31403-5410			D			GREEN			MOLEX 0.64	064-S-005-1-202	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					NOT TOOLED
31404-5200	31404-5210			B			GRAY					NOT TOOLED
31404-5300	31404-5310			C			BROWN					NOT TOOLED
31404-5400	31404-5410			D			GREEN			YAZAKI KAIZEN 0.64 TE GEN Y 0.64 JST AIT 0.64		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			A			BLACK					TOOLED
31402-6200	31402-6210			B			GRAY					TOOLED, COLOR UNAVAILABLE
31402-6300	31402-6310			C			BROWN					TOOLED, COLOR UNAVAILABLE
31402-6400	31402-6410			D			GREEN			TYCO OR MOLEX GET 0.64		TOOLED
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					TOOLED
31403-6200	31403-6210			B			GRAY					TOOLED
31403-6300	31403-6310			C	ROYAL BLUE	LIGHT BLUE	BROWN			MOLEX 0.64	064-S-006-1-202	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					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			YAZAKI KAIZEN 0.64 JST AIT 0.64		TOOLED
31404-6700	31404-6710			D			BLACK					TOOLED
31404-6800	31404-6810			C			NATURAL					TOOLED

REDRAW EC NO. UAL2007-0056 DRAWN BY: 2016/07/28 CHECKED: 2016/07/28 APPROVED: 2016/07/28 DATE:	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla=0$ $\nabla=0$ $\nabla=0$	4 PLACES ± 0.15 3 PLACES ± 0.20 2 PLACES ± 0.30 1 PLACE ± 0.40 0 PLACE ± 0.50	mm INCH ± 0.15 ± 0.006 ± 0.20 ± 0.008 ± 0.30 ± 0.012 ± 0.40 ± 0.016 ± 0.50 ± 0.020	MM ONLY	4:1	METRIC	DRAWN BY: RCARLSON DATE: 2003/09/25 CHECKED BY: RCARLSON DATE: 2004/09/28 APPROVED BY: WKOSHY DATE: 2010/11/22
	ANGULAR ± 3° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE CHART		TITLE: 0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY DOCUMENT NO.: SD-31402-211 SHEET NO.: 7 OF 8	
	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION						

PART NUMBER WITHOUT CPA	PART NUMBER WITH CPA	CLP/SLOT OPTION	ROW/ CIRCUITS	KEY*	MATE SEAL	PERFETER SEAL	CONNECTOR COLOR	WIDTH (MM)	MNL PASS THRU DIA.	FEMALE TERMINAL SUPPLIER	USCAR FOOTPRINT DRAWING NO.	STATUS						
31402-8100	31402-8110	NO	1 X B	A	TBD	TBD	BLACK	3125	(3190)	TYCO OR MOLEX GET 064	064-S-008-1-202	NOT TOOLED						
31402-8100	31402-8110			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					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			NOT TOOLED								
31404-8200	31404-8210			B			LT. GRAY			NOT TOOLED								
31404-8300	31404-8310			C			DK. GRAY			NOT TOOLED								
31404-8400	31404-8410			D			TBD			NOT TOOLED								
REFER TO SD-31404-811																		
INFORMATION REFER TO SD-31404-811																		

ADDITIONAL CAVITY PLUG CONFIGURATIONS:

ROW/ CIRCUITS	FEMALE TERMINAL	MOLEX P/N WITH CPA	MOLEX P/N WITHOUT CPA	KEY OPTION	CLP/SLOT 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	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			3	TOOLED
		31402-6118	31402-6108	A	NO	BLACK				0			1	TOOLED
		31402-6150	31402-6140	A	YES	BLACK							0	TOOLED
		31403-6110	31403-6100	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED
		31403-6111	31403-6101	A	NO	BLACK			0				1	TOOLED
	31403-6112	31403-6102	A	NO	BLACK	0	0					4	TOOLED	
	31403-6113	31403-6103	A	NO	BLACK	0	0					2	TOOLED	
	31403-6114	31403-6104	A	NO	BLACK				0	0		2	TOOLED	
	31403-6212	31403-6202	B	NO	GRAY				0	0		3	TOOLED	
	31404-6110	31404-6100	A	NO	BLACK	0	0	0	0	0	0	6	TOOLED	
	31404-6111	31404-6101	A	NO	BLACK	0	0					2	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					3	TOOLED	
31404-6118	31404-6108	A	NO	BLACK	0	0					1	TOOLED		
31404-6119	31404-6109	A	NO	BLACK				0	0		3	TOOLED		
31404-6132	31404-6122	A	NO	BLACK				0			1	TOOLED		
31404-6213	31404-6203	B	NO	GRAY	0	0					2	TOOLED		
31404-6214	31404-6204	B	NO	GRAY							1	TOOLED		
31404-6812	31404-6802	B	NO	NATURAL				0	0	0	3	TOOLED		
1X3	TYCO/MOLEX GET	31402-3113	31402-3103	A	NO	BLACK				0		1	TOOLED	

PREPARE EC NO. IAL2007-0056 M DRAWN BY 2016/07/28 CHECKED APPR. JUE003 2016/07/28 DATE	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION	
	$\nabla = 0$ $\nabla = 0$ $\nabla = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.13 ± --- 1 PLACE ± 0.3 ± --- 0 PLACE ± ±	DRAWN BY DATE RCARLSON 2003/09/25 CHECKED DATE RCARLSON 2004/09/28 APPROVED BY DATE WKOSHY 2010/11/22	MM ONLY	4:1	METRIC	
	ANGULAR ± 3 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	SEE CHART THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	MATERIAL NO. DOCUMENT NO. SD-31402-211 SHEET NO. 8 OF 8	0.64 USCAR CONNECTOR SEALED SINGLE ROW ASSEMBLY 			
	INFORMATION REFER TO SD-31404-811						