

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0314081080](#)
Status: **Active**
Overview: [stac64_single_multipocket_and_hybrid_header_system](#)
Description: USCAR 2.54mm (.100") Pitch Receptacle, 8 Circuits, Polarization A, Black

Documents:
[Drawing \(PDF\)](#) [Product Specification PS-31408-100 \(PDF\)](#)
[Application Specification \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

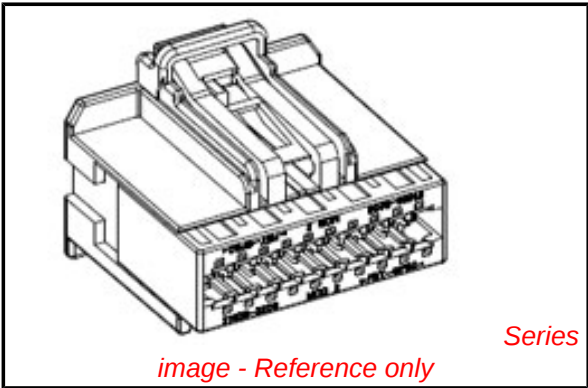
General
Product Family Crimp Housings
Series [31408](#)
Comments Polarization A
Overview [stac64_single_multipocket_and_hybrid_header_system](#)
Product Name USCAR

Physical
Circuits (maximum) 8
Circuits Detail 8
Color - Resin Black
Gender Female
Glow-Wire Compliant No
Keying to Mating Part None
Lock to Mating Part No
Material - Resin Modified Polystyrene
Number of Rows 2
Packaging Type Carton
Panel Mount No
Pitch - Mating Interface (in) 0.100 In
Pitch - Mating Interface (mm) 2.54 mm
Polarized to Mating Part Yes
Ports 1
Stackable No
Temperature Range - Operating -40°C to +100°C

Electrical
Current - Maximum per Contact 10.2A

Material Info

Reference - Drawing Numbers
Application Specification AS-31408-100
Packaging Specification PK-31300-044
Product Specification PS-31408-100
Sales Drawing SD-31408-900



EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status
Halogen-Free

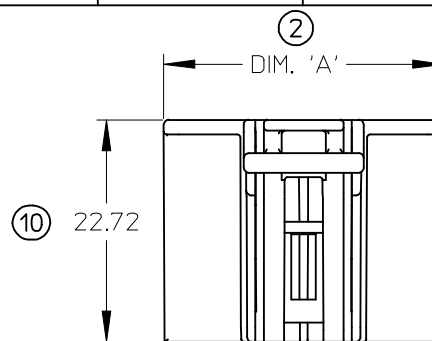
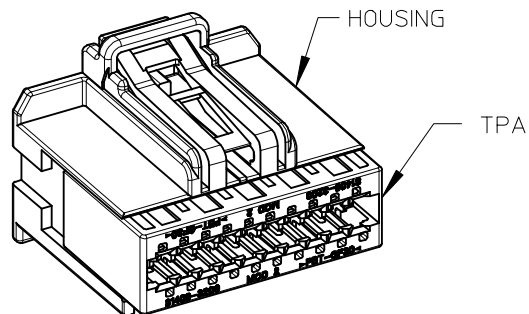
China RoHS



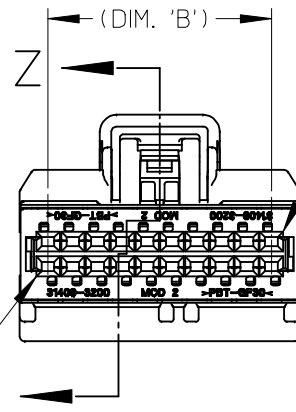
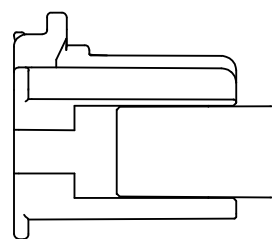
Need more information on product environmental compliance?
Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)
Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[31408Series](#)

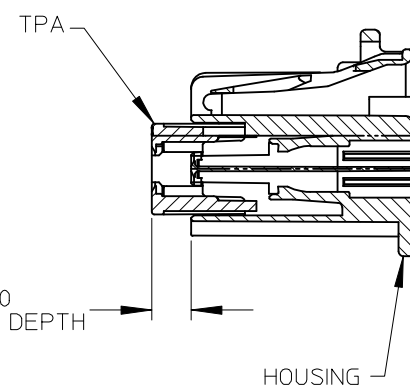
Mates With
[34691](#) Stac64 Right Angle Assembly. [34690](#) Stac64 Vertical Assembly



VIEW SHOWN WITH TPA
IN LOCKED POSITION



FRONT VIEW



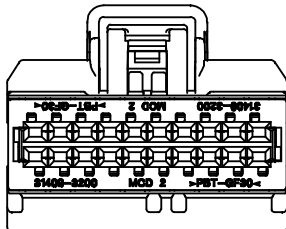
SECTION Z-Z

- NOTES:
1. MATERIALS:
HOUSING: SPS/PA66 BLEND, 30% GF
TPA: PBT, GF
COLOR: NATURAL (CREAM)
 2. PACKAGING INFORMATION: PK-31300-044
 3. MATING COMPONENTS:
NEW APPLICATIONS:
REFER TO SD-34691-100 & SD-34690-100
EXISTING APPLICATIONS (RESTRICTED):
REFER TO SD-31429-700 & SD-31411-700
 4. TPA's MAY BECOME SEATED DURING TRANSIT. IF THIS OCCURS, REFERENCE MOLEX PRODUCT SPECIFICATION PS-34646-001.
 5. TO BE USED WITH TYCO TERMINAL: 18/20 AWG 1393366-1
22 AWG 1393367-1

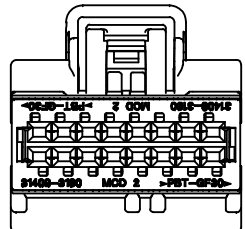
EC NO: UAU2008-0100 DRWN:BDICK01 2008/08/22 CHKD: 2008/08/28 APPR: SMARCEA2008/08/28 G	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	REVISE ON CAD ONLY			
				mm	INCH	DIMENSION STYLE MM ONLY		TITLE USCAR 0.64MM RECEPTACLE ASSY, GET TERMINAL SALES DRAWING			
			4 PLACES	± ---	± ---	DRAWN BY DATE					
			3 PLACES	± ---	± ---	SKAROLEW 2004/02/17					
			2 PLACES	± 0.13	± ---	CHECKED BY DATE					
				1 PLACE	± 0.25	± ---	MDANIELS 2004/03/31		 MOLEX INCORPORATED	MATERIAL NO. DOCUMENT NO. SHEET NO. SEE CHART SD-31408-900 1 OF 3	
			ANGULAR		± 3 °						
			DRAFT WHERE APPLICABLE		APPROVED BY DATE						
			MUST REMAIN WITHIN DIMENSIONS		BBWILSON 2004/04/06		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			REV		B						

10 9 8 7 6 5 4 3 2 31408

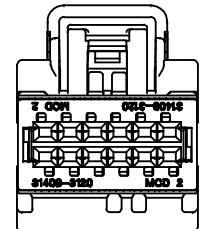
F



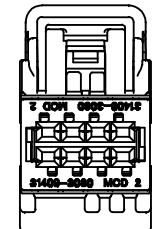
20 WAY



16 WAY

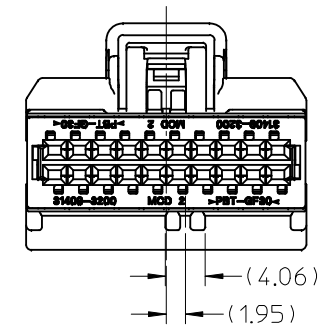


12 WAY

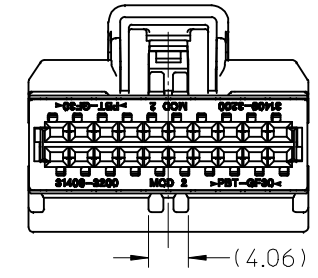


8 WAY

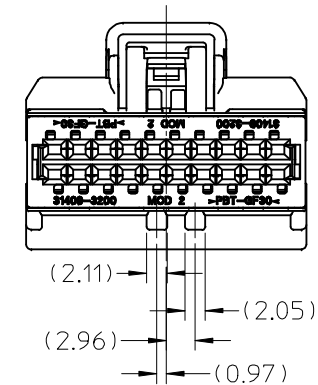
POLARIZATION 'A' OPTION
(ALL CIRCUITS SHOWN)



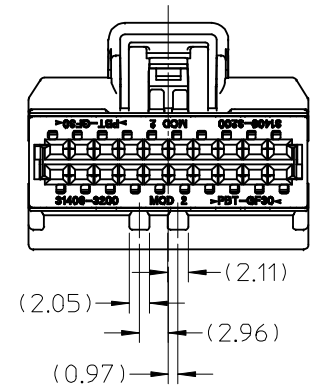
POLARIZATION 'A'



POLARIZATION 'B'



POLARIZATION 'C'



POLARIZATION 'D'

POLARIZATION OPTIONS
(20-CIRCUIT SHOWN)

A

EC NO: UAU2008-0100 IDRN:BDICK01 2008/08/22 CHKD: 2008/08/28 APPR: SMARCEA2008/08/28	REV	DESCRIPTION	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		REVISE ON CAD ONLY	
								TITLE			
								USCAR 0.64MM RECEPTACLE ASSY, GET TERMINAL SALES DRAWING			
								MOLEX MOLEX INCORPORATED			
								SEE CHART		SD-31408-900	

