

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0476238001

Status:

Active

Overview:

displayport

Description:

0.50mm (.020") Pitch DisplayPort* Sink Type Midplane Male Receptacle, Right Angle, SMT, 0.76µm (30µ") Gold (Au) Plating, 20 Circuits, with hind SMT Tabs of Shell, Nylon version, Leadfree

Documents:

3D Model

Drawing (PDF)

Product Specification PS-47272-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	I/O Connectors
Series	47623
Application	Wire-to-Board
Component Type	Receptacle
Overview	displayport
Product Name	DisplayPort*
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Gray
Gender	Male
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Bismuth
Material - Resin	Nylon
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
PCB Thickness Recommended (in)	0.061 In
PCB Thickness Recommended (mm)	1.56 mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface (in)	0.039 In
Pitch - Mating Interface (mm)	0.50 mm
Pitch - Term. Interface (in)	0.039 In
Pitch - Term. Interface (mm)	0.50 mm
Plating min: Mating (µin)	30
Plating min: Mating (µm)	0.76
Plating min: Termination (µin)	40
Plating min: Termination (µm)	1
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Temperature Range - Operating	-20°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

Electrical

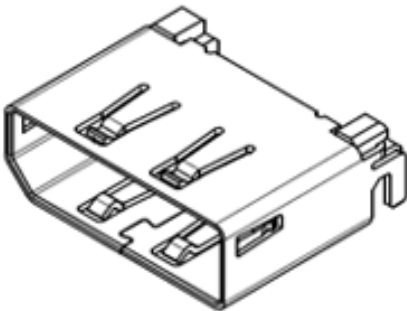


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

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

47623Series

Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	40V AC

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-47623-002
Product Specification	PS-47272-001
Sales Drawing	SD-47623-002

* DisplayPort is a Trademark of VESA

This document was generated on 05/19/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

NOTES:

1. MATERIAL:

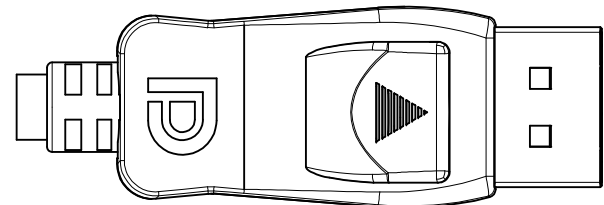
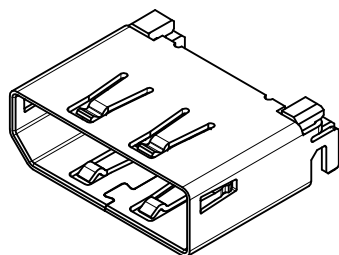
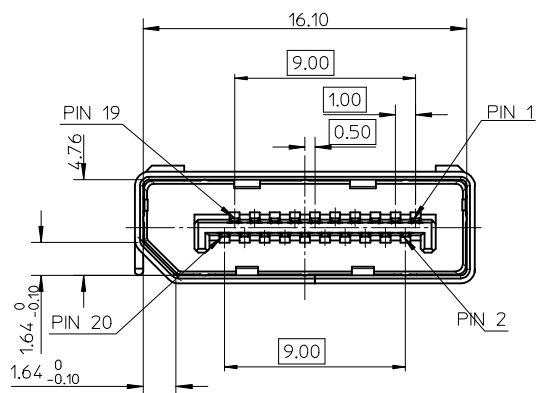
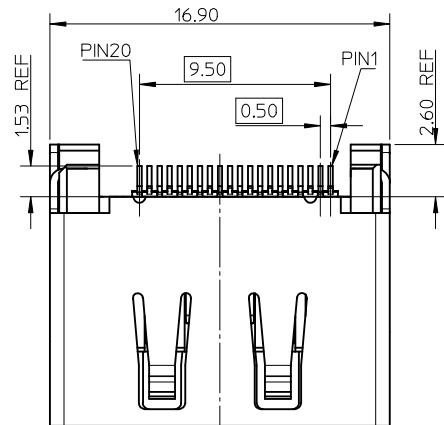
HOUSING: NYLON46 30% GLASS FILLED, UL94V-0.COLOR:MOON GREY 3
TERMINAL: COPPER ALLOY.
SHELL: COPPER ALLOY.

2. PLATING:

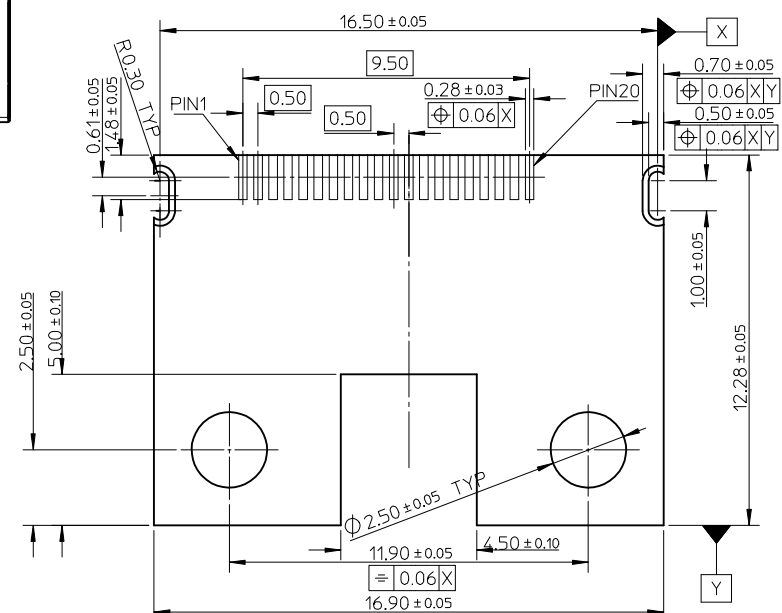
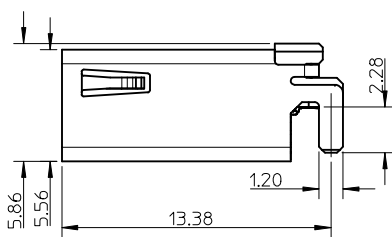
TERMINAL: CONTACT AREA 0.76 MICROMETER GOLD PLATING AND SOLDER TAIL 1~3 MICROMETER
TIN BISMUTH UNDER PLATE1~3 MICROMETER NICKEL PLATING OVERALL.
SHELL:1.27~2.54 MICROETER SOLDERABLE NICKEL PLATING OVERALL.

3. SOLDER TAIL COPLANARITY 0.10 MAX.

4.THIS PRODUCT COMPLIANT TO ROHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC



RECOMMENDER WITHOUT LATCH PLUG



RECOMMENDED PCB THICKNESS IS 1.56 ± 0.05MM

NEW RELEASE EC NO: SH2009-0308 DRWN:HE CHKD:RZHANG APPR:HWANG REV A	DESCRIPTION REV A	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 1:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION			
					DRAWN BY HHE	DATE 2007/08/14	TITLE 1.0MM MIDDLE PLANE DISPLAY PORT HEADER ASSEMBLY					
					CHECKED BY RZHANG	DATE 2007/08/14						
					APPROVED BY HWANG	DATE 2007/08/14						
			ANGULAR ± 3 °		MATERIAL NO. 47623-8001		DOCUMENT NO. SD-47623-002		SHEET NO. 1 OF 1			
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					