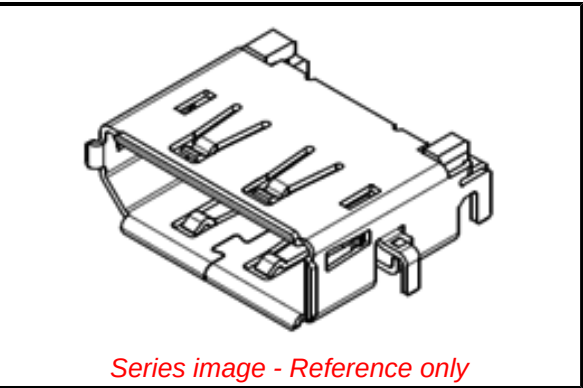


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Part Number: [0476230001](#)
Status: **Active**
Overview: [DisplayPort* and Mini DisplayPort Interconnect System](#)
Description: 0.50mm Pitch DisplayPort* Sink Type Midplane Male Receptacle, Right Angle, Surface Mount, 0.76µm Gold (Au) Plating, 20 Circuits, with extended side-Surface Mount Tabs, High Temperature version, Lead-Free



Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-47272-001-001 \(PDF\)](#)
[Packaging Specification PK-47623-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

General	
Product Family	I/O Connectors
Series	47623
Application	Wire-to-Board
Component Type	Receptacle
Overview	DisplayPort* and Mini DisplayPort Interconnect System
Product Name	DisplayPort*
Type	N/A
UPC	883906100810

Physical	
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
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	High Temperature Thermoplastic
Net Weight	2.270/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.56mm
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	0.50mm
Pitch - Termination Interface	0.50mm
Plating min - Mating	0.762µm
Plating min - Termination	1.016µm
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	
Current - Maximum per Contact	0.5A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per - ED/30/2017 (7 July 2017) Halogen-Free Status Low-Halogen Need more information on product environmental compliance? Email productcompliance@molex.com Please visit the Contact Us section for any non-product compliance questions.	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[47623 Series](#)

Voltage - Maximum	40V AC
Solder Process Data	
Duration at Max. Process Temperature (seconds)	003
Lead-freeProcess Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-47623-001
Product Specification	PS-47272-001-001
Sales Drawing	SD-47623-001

* DisplayPort is a Trademark of VESA

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