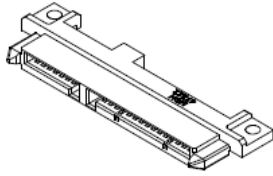**molex®**
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Part Number: 47222-0002

1.27mm Pitch Serial ATA Bay Receptacle, Right Angle, SMT, Mid-mount, 0.10µm Gold (Au) Plating, with Screw Holes and Pegs, Connector height 4.50mm, Tray Packaging, 22 Circuits, Lead-Free

Status:	Planned for Obsolescence
Series:	47222
Category:	PCB Receptacles
Overview:	Serial ATA Host Receptacles

Series image - Reference only

Product Environmental Compliance

EU RoHS: ELV and RoHS Compliant

China RoHS: ⓔ
REACH SVHC: Contains SVHC: No
Low-Halogen Status: Low-Halogen

Part Detail

General	
Status	**Planned for Obsolescence**
Category	PCB Receptacles
Series	47222
Application	Board-to-Board, Signal
Overview	Serial ATA Host Receptacles
Product Name	Serial ATA
Physical	
Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Thermoplastic Elastomer
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	1.27mm
Pitch - Termination Interface	1.27mm
Plating min - Mating	0.102µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	
(Please review the Product Specification for specific details.)	
Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC
Agency Certification	
CSA	LR19980
UL	E29179
Solder Process Data	
Duration at Max. Process Temperature (seconds)	3
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255
Material Info	
UPC	883906579593
Reference - Drawing Numbers	

| Product Specification | PS-67492-001 |
| Sales Drawing | SD-47222-002 |

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling
Check our list of old tooling that used to be available for this part