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Part Number:

78492-0001

Status:

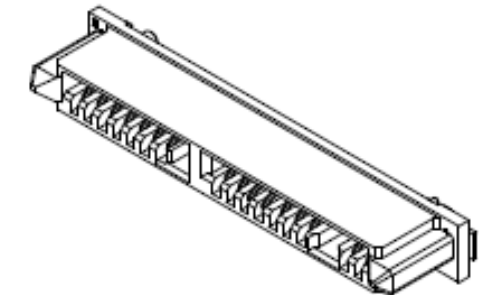
Active

Overview:

Micro Serial ATA Connectors

Description:

1.27mm Pitch Micro Serial ATA Device Receptacle for 45.72mm SSD/HDD, SMT, Vertical, with Pegs and Kapton Tape, 16 Circuits, Embossed Tape on Reel, 0.127µm Gold (Au) Plating, Lead-Free



Series

image - Reference only

Documents:

3D Model

Drawing (PDF)

Product Specification PS-78492-001 (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Receptacles
Series	78492
Application	Board-to-Board, Signal
Comments	Rimmed connector base; connector width: 4.38mm
Overview	Micro Serial ATA Connectors
Product Name	Micro Serial ATA, Serial ATA
UPC	883906913120
Physical	
Circuits (Loaded)	16
Circuits (maximum)	16
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	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	0.746/g
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.27mm, 1.32mm
Pitch - Termination Interface	1.27mm, 1.32mm
Plating min - Mating	0.127µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	0°C to +55°C
Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.5A

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

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

78492Series

Mates With

78103 , 78283 and 78285 Micro SATA Device Plugs

Grounding to PCB	Yes
Voltage - Maximum	30V

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	260

Material Info

Reference - Drawing Numbers

Product Specification	PS-78492-001
Sales Drawing	SD-78492-001

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