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Part Number:

0470181002

Status:

Obsolete

Description:

1.27mm (.050") Pitch Serial ATA Host Receptacle, Mating Height 4.70mm (.185"), 0.38µm (15µ") Gold (Au) Plating, Surface Mount, Right Angle, Top Mount Type, 22 Circuits

Replacement Part Number:

47018-3002

EU RoHS

Not RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

China RoHS



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For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Documents:

[Drawing \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	47018
Application	Board-to-Board, Signal
Comments	Top Mount Type
Obsolete Date	2006/09/01
Product Name	Serial ATA
Replacement Part Number	47018-3002

Physical

Circuits (Loaded)	22
Durability (mating cycles max)	500
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin-Lead
Number of Rows	1
Orientation	Right Angle
PC Tail Length	1.60mm (.063")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.56mm (.061")
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	2.032µm (80µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Surface Mount Compatible (SMC)	N/A
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC

Solder Process Data

Replacement RoHS Compliant Part Number	0470183002
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Material Info

Reference - Drawing Numbers

Product Specification	PS-67492-001
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Search Parts in this Series

47018Series

Mates With

87703-0001

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