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Part Number:

0470180003

Status:

Inactive

Description:

1.27mm (.050") Pitch Serial ATA Host Receptacle, Mating Height 4.30mm (.169"), Gold (Au) Flash over Palladium Nickel (Pd/Ni), Surface Mount, Right Angle, Top Mount Type, 22 Circuits, Lead Free

Replacement Part Number:

None

EU RoHS

China RoHS

Compliance Status

Not Reviewed

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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Search Parts in this Series

47018Series

Mates With

87703-0001

Documents:

[Drawing \(PDF\)](#)

General

Product Family	PCB Receptacles
Series	47018
Application	Board-to-Board, Signal
Comments	Top Mount Type
Obsolete Date	2005/09/01
Product Name	Serial ATA
Replacement Part Number	None

Physical

Circuits (Loaded)	22
Durability (mating cycles max)	5,000
Glow-Wire Compliant	No
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Plating Mating	Gold
Material - Plating Termination	Tin
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 - Termination	1.270µm (50µ")
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

Lead-free Process Capability	Reflow Capable (SMT only)
Process Temperature max. C	230

Material Info

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