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Part Number: [0470821000](#)
Status: **Obsolete**
Description: 1.27mm (.050") Pitch External Metal-Shielded Serial ATA Plug, Unmated Height 7.70mm (.303"), 0.38µm (15µ") Gold (Au) Plating, Surface Mount with Shell, Right Angle, 7 Circuits, with Mylar, Lead Free

Documents:
[Drawing \(PDF\)](#)

General

Product Family	I/O Connectors
Series	47082
Application	Wire-to-Board
Component Type	Plug
Product Name	External Serial ATA
Type	N/A

Physical

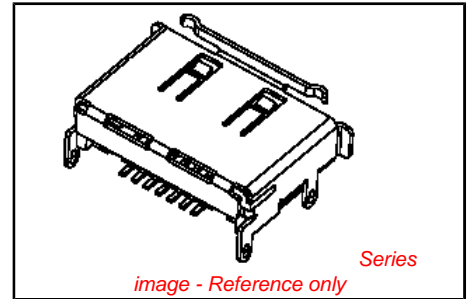
Boot Color	N/A
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Panel Mount	Yes
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.381µm (15µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Ports	1
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Surface Mount
Waterproof / Dustproof	No

Electrical

Current - Maximum per Contact	1.5A
Grounding to Panel	Yes
Shield Type	Full Shield
Shielded	Yes
Voltage - Maximum	15V DC

Solder Process Data

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	3



<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Not Low-Halogen</p>	<p>China RoHS</p>
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Need more information on product environmental compliance?

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 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
[47082Series](#)

Mates With
[68782](#) External Serial ATA Cable Assemblies

Process Temperature max. C 255

Material Info

Reference - Drawing Numbers

Product Specification PS-47082-001
Sales Drawing SD-47082-001

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