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**Part Number:** [0470822000](#)  
**Status:** **Obsolete**  
**Description:** 1.27mm (.050") Pitch External Metal-Shielded Serial ATA Plug, Unmated Height 7.70mm (.303"), 0.76µm (30µ") 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**

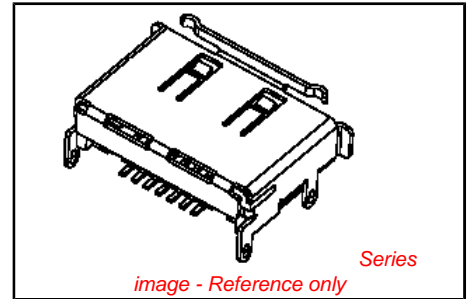
Boot Color	N/A
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	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	0.762µm (30µ")
Plating min - Termination	1.905µm (75µ")
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	Through Hole
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**

Lead-free Process Capability	Reflow Capable (SMT only)
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<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>          Not Reviewed  <b>Low-Halogen Status</b>  <b>Not Low-Halogen</b></p>	<p><b>China RoHS</b></p>
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**Search Parts in this Series**  
[47082Series](#)

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

Process Temperature max. C 255

**Material Info**

**Reference - Drawing Numbers**

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

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