




5050871-8 Product Details

 Share

 Print

 Email



 Active

 View 3D PDF

Discrete Sockets

SOCKET,MIN-SPR SN SER-5

5050871-8 

TE Internal Number: 5050871-8

Product Highlights [View All](#)

- Mini-Spring Socket Product Line
- Board-to-Board, Wire-to-Board
- Applies To Wire/Cable, Applies To Printed Circuit Board
- Contact - Rated Current = 7.5 A
- Socket Length = 7.32 mm

Pricing & Availability



Request Sample



Add to My Part List



Buy Product through Distributor



Feedback



Documents

Features


Compliance


Please Note:

Use the Product Drawing for all design activity

Product Type Features	
Product Line	Mini-Spring Socket
Sleeve Style 	Closed Bottom
Sealant 	Without
Wire/Cable Type	Discrete Wire
Product Series	5
Profile	Zero

Electrical Characteristics	
Contact - Rated Current (A)	7.5

Termination Features	
Wire/Cable Size (mm²)	0.823 – 1.04
Wire/Cable Size (AWG)	17 – 18
Insertion Method 	Hand/Semi-Automatic
Termination Method to Wire/Cable	Solder
Termination Method to PC Board	Through Hole - Press Fit

Dimensions	
Socket Length (mm [in]) 	7.32 [0.288]
Recommended Hole Size (mm [in])	2.56 [0.101]
PCB Thickness, Recommended (mm [in])	0.79 – 3.18 [0.031 – 0.125]

Body Features	
Mating Pin Dia. Range (mm [in]) 	1.07 – 1.24 [0.042 – 0.049]
Sleeve Material Plating 	Tin
Wire Type	Solid
Sleeve Material	Copper
Spring Material	Beryllium Copper

Contact Features	
Contact Spring Plating 	Tin
Contact Plating, Mating Area, Material	Tin
Contact Plating, Mating Area, Thickness (µm [µin])	0.00254 [0.1]
Contact Type	Socket
Contact Base Material	Beryllium Copper

Industry Standards	
Government/Industry Qualification	No
RoHS/ELV Compliance 	RoHS compliant, ELV compliant
Lead Free Solder Processes 	Wave solder capable to 240°C, Wave solder capable to 260°C, Wave solder capable to 265°C, Reflow solder capable to 245°C, Reflow solder capable to 260°C, Pin-in-Paste capable to 245°C, Pin-in-Paste capable to 260°C

RoHS/ELV Compliance History	Always was RoHS compliant
-----------------------------	---------------------------

Environmental	
Operating Temperature (°C [°F])	-65 – +126 [-85 – +258]

Conditions for Usage	
Applies To	Wire/Cable, Printed Circuit Board

Operation/Application	
Application Use	Board-to-Board, Wire-to-Board
Contact Transmits (Typical Application)	Signal (Data)/Power
Application	Production

Packaging Features	
Packaging Method	Loose Piece
Packaging Quantity	2,000/Bag

Other	
Brand	AMP

Related Products

Not quite the product you're looking for?

Find Similar Products

View Part in Product Feature Selector

Check for Tooling

Corporate Information

- About TE

Investors

News Room

Supplier Portal

Careers

Terms & Conditions

Privacy Policy

Global Accessibility Statement

Quick Links

- Distributor Inventory

Product Cross Reference

Documents & Drawings

Product Compliance Support Center

Site Map

Customer Support

- Email or Chat With Us

Find a Phone Number

Knowledge Base

Manage Your Account

Keep Me Informed

