



1-292232-4 Product Details

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1.5mm AMP Mini CT Connectors

1.5 MINI CT SGL V SMT W/BOS,PO

1-292232-4

TE Internal Number: 1-292232-4

Active

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Product Highlights [View All](#)

- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header
- Header Type = Shrouded

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Please Note:
Use the Product Drawing for all design activity

Product Type Features	
Product Type	Connector
Connector Type	Header
PCB Mounting Orientation	Vertical
PCB Mount Alignment	With
PCB Mount Retention	With
PCB Mount Retention Type	Boardlock(s)
Sealed	No
CSA File Number	LR 7189-133

Electrical Characteristics	
Contact - Rated Current (A)	2
Operating Voltage Reference	AC/DC, AC, DC
Operating Voltage (VAC)	50
Operating Voltage (VDC)	50

Termination Features	
Wire/Cable Size (AWG)	24 - 28
Termination Method to PC Board	Surface Mount

Dimensions	
Mating Post Length (mm [in])	2.40 [0.095]
PCB Thickness, Recommended (mm [in])	0.80 [0.031]
Length (X-Axis) (mm [in])	23.50 [0.925]
Width (Z-Axis) (mm [in])	4.70 [0.185]
Profile Height (Y-Axis) (mm [in])	6.90 [0.272]

Body Features	
Header Type	Shrouded
Mating Retention	With

Contact Features	
Contact Type	Pin
Contact Plating, Mating Area, Material	Tin
Contact Plating, Mating Area, Thickness (µm [µin])	1 [39.37]
Contact Design	Square Post
Contact Plating, Termination Area, Material	Tin
Contact Plating, Termination Area, Thickness (µm [µin])	1 [39.37]

Housing Features	
Centerline (mm [in])	1.50 [0.059]
Mating Alignment	With
Housing Color	Natural

Configuration Features	
Number of Positions	14
Number of Rows	1
Tail Orientation	Staggered
Shrouded	Yes

Industry Standards	
RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Reflow solder capable to 245°C
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0
Agency/Standard	CSA, UL
UL File Number	E28476

Environmental	
Operating Temperature (°C [°F])	-30 - +105 [-22 - +221]

Conditions for Usage	
Applies To	Printed Circuit Board
Accepts Wire Insulation Diameter, Range (mm [in])	0.85 - 1.05 [0.033 - 0.041]

Operation/Application	
Application Use	Wire-to-Board
Contact Transmits (Typical Application)	Signal (Data)
Pick and Place Cover	Without

Packaging Features	
Packaging Method	Tape, Box

Other	
Brand	AMP

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