

# 3-173983-5 Product Details

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## 2mm AMP CT Connectors

AMP CT MT AMP-IN HDR-H YEL 15P

**3-173983-5**

TE Internal Number: 3-173983-5

**Product Highlights** [View All](#)

- Wire-to-Board
- Applies To Printed Circuit Board
- Connector
- Header
- Header Type = Partially 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	Right Angle
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Kinked Leg(s)
Sealed	No
CSA File Number	LR 7189

Electrical Characteristics	
Contact - Rated Current (A)	1 - 2
Operating Voltage Reference	AC/DC, AC, DC
Operating Voltage (VAC)	125
Operating Voltage (VDC)	125

Termination Features	
Wire/Cable Size (AWG)	26 - 28
Termination Method to PC Board	Through Hole - Solder

Dimensions	
PCB Thickness, Recommended (mm [in])	0.80 - 1.60 [0.031 - 0.063]

Body Features	
Header Type	Partially Shrouded
Mating Retention	Without

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

Housing Features	
Connector Style	Plug
Centerline (mm [in])	2.00 [0.079]
Housing Color	Cream Yellow

Configuration Features	
Number of Positions	15
Number of Rows	1
Tail Orientation	In-line
Shrouded	Yes - Partial

Industry Standards	
RoHS/ELV Compliance	RoHS compliant, ELV compliant
Lead Free Solder Processes	Not relevant for lead free process
RoHS/ELV Compliance History	Always was RoHS compliant
UL Flammability Rating	UL 94V-0
UL File Number	E28476

Environmental	
Operating Temperature (°C [°F])	-40 - +105 [-40 - +221]

Conditions for Usage	
Applies To	Printed Circuit Board
Accepts Wire Insulation Diameter, Range (mm [in])	0.83 - 1.05 [0.032 - 0.041]

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

Packaging Features	
Packaging Method	Tray

Other	
Brand	AMP

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