

## **HEADERS & RECEPTACLES**







**PRODUCT DRAWING** 



♣ 3D PDF

TE CONNECTIVITY (TE)

MINI CT SGL DIP H 5P NAT

AMP MINI-CT | AMP Mini CT

292206-5

TE Internal Number: 292206-5

Always EU RoHS/ELV Compliant

Centerline 1.5 mm [ .059 in ]

Number of Positions 5

PCB Mounting Orientation Right Angle

PCB Mounting Style Through Hole

Number of Rows 1

**Product Drawings** 

AMP Mini CT Connector 1.5mm Pitch

PDF **English** 

**CAD Files** 

Customer View Model

3D IGS.ZIP

Customer View Model

3D\_STP.ZIP English

**Customer View Model** 

2D\_DXF.ZIP English

3D PDF PDF

English

Catalog Pages/Data Sheets

6-1773454-5\_AMP\_Mini\_CT\_Connector\_Series\_QRG

PDF **English** 

**Product Specifications** 

**Product Specification** 

AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead Free Version

Japanese

AMP Mini CT Connector 1.5mm Pitch (Crimp Type), Lead Free Version

Japanese

AMP MINI CCOMMON TERMINATION (CT), CONNECTOR, 1.5mm PITCH, M/T

TYPE, LEAD FREE VERSION

PDF Japanese

AMP MINI CCOMMON TERMINATION (CT), CONNECTOR, 1.5mm PITCH, M/T

TYPE, LEAD FREE VERSION

TIF Japanese

## Product Environmental Compliance

TE Material Declaration

MD\_292206-5\_09042014549\_dmtec

PDF English

Please review product documents or contact us for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.

Product Type Features	PCB Mounting Orientation	Right Angle
	Product Type	Connector
	Connector Type	Header
	Shape	Rectangular
	Connector System	Wire-to-Board
	Wire/Cable Type	Discrete Wire
	Sealed	No
	Connector Style	Header
	Applies To	Printed Circuit Board
Configuration Features	Number of Positions	5
	Number of Rows	1
	Tail Orientation	Staggered
	Backwall/Post Interruptions	With
Electrical Characteristics	Operating Voltage	50 VAC [ 50 VDC ]
Body Features	Header Type	Shrouded
Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness (µin)	39.37
	Contact Termination Area Plating Thickness	1 – 2 µm [ 39.37 – 78.73 µin ]
	Contact Shape	Square
	Contact Termination Area Plating Material	Tin
	Contact Type	Pin
	Contact Transmits (Typical)	Signal (Data)
	Contact Current Rating (A)	2
	Contact Design	Square Post
	Contact Base Material	Brass

PCB Mount Alignment Mating Retention With PCB Mount Retention With PCB Mount Retention With PCB Mount Retention With Mating Alignment Type Contact Retention Muth Mating Alignment Type Polarization Contact Retention With Mating Alignment With Mating Alignment With Mating Alignment With Mating Alignment With  Housing Features  Centerline 1.5 mm [.059 in] Housing Color Natural Housing Material Nylon(G.F)  Dimensions  Tail Length Mating Post Length 2.4 mm [.095 in] PCB Thickness (Recommended) 1.6 mm [.063 in] Height 8.45 mm [.332 in] Wire/Cable Size (AWG) 28 – 22 Width 4.9 mm [.192 in] Insulation Diameter Length 10 mm [.393 in]  Usage Conditions  Operation /Application  For Use With Header Internal/External Pick and Place Cover Without	Termination Features	Termination Method to PC Board	Through Hole - Solder
Maining Retention PCB Mount Retention With PCB Mount Retention With PCB Mount Retention With Making Alignment Type Contact Retention Making Alignment Type Locking Lance Panel Mount Retention With Making Alignment With Making Alignment With Making Alignment With Making Alignment With Making Post Length Post Length PCB Thickness (Recommended) Height Wire Cable Size (AWG) Retention With Making Post Length PCB Thickness (Recommended) Height Retention Reten	Mechanical Attachment	PCB Mounting Style	Through Hole
PCB Mount Retention With PCB Mount Retention Type Kinked Legs Contact Retention Type Polarization Contact Retention Type Locking Lance Panel Mount Retention With Mating Alignment Type Locking Lance Panel Mount Retention With Mating Alignment With  Housing Features  Centerline 1.5 mm [.059 in] Housing Color Natural Housing Material Nylon(G.F)  Dimensions  Tail Length 3 mm [.118 in] Mating Post Length 2.4 mm [.095 in] PCB Thickness (Recommended) 1.6 mm [.083 in] Height 8.45 mm [.332 in] Wire/Cable Size (AWG) 28 – 22 Width 4.9 mm [.192 in] Insulation Diameter .85 mm [.0334041 in] Length 10 mm [.393 in]  Ultage Conditions  Operation/Application For Use With Header Internal External Internal Fick and Place Cover Without  Industry Standards  UL Flammability Rating UL 94V-0 UL File Number E28476 Agency/Standard CSA, UL		PCB Mount Alignment	With
PCB Mount Retention Type Contact Retention With Mating Alignment Type Contact Retention Moting Alignment Type Locking Lance Panel Mount Retention Mith Mating Alignment With Mating Alignment With Moting Alignment With Moting Alignment With  Housing Features  Centerline Housing Color Natural Housing Material Nylon(G.F)  Dimensions  Tail Length Mating Post Length PCB Thickness (Recommended) Height North Moting Lance With North Moting Lance North Moting Lance North Moting Lance North Moting Post Length North Moting Post Length North Moting Post Length North Moting Lance North Lance North Moting Lanc		Mating Retention	With
Contact Retention  Mating Alignment Type Contact Retention Type Locking Lance Panel Mount Retention Mith Mating Alignment With  Housing Features  Centerline Housing Color Housing Material Nylon(G.F)  Dimensions  Tail Length Mating Post Length PCB Thickness (Recommended) Height Wire/Cabble Size (AWG) 28 – 22 Width A.9 mm [.192in] Insulation Diameter Length Domm [.393 in]  Length Domm [.393 in]  Deage Conditions  Operating Temperature Range  -22 – 221 °C [-30 – 105 °F]  Dimensions  Post Length Internal/External Internal Pick and Place Cover Without  UL Flammability Rating UL Fle Number E28476 Agency/Standard CSA, UL		PCB Mount Retention	With
Mating Alignment Type Locking Lance  Contact Retention Type Locking Lance  Panel Mount Retention With  Mating Alignment With  Housing Alignment With  Housing Features  Centerline 1.5 mm [.099 in]  Housing Color Natural  Housing Material Nylon(G.F)  Dimensions  Tail Length 3 mm [.118 in]  Mating Post Length 2.4 mm [.095 in]  PCB Thickness (Recommended) 1.6 mm [.063 in]  Height 8.45 mm [.032 in]  Wira/Cable Size (AWG) 28 – 22  Width 4.9 mm [.192 in]  Insulation Diameter 8.8 mm [.0334 – .041 in]  Length 10 mm [.393 in]  Disage Conditions  Operating Temperature Range -22 – 221 °C [.30 – 105 °F]  Disage Conditions  UL Flammability Rating UL 94V-0  Hutusher E28476  Agency/Stendard CSA, UL		PCB Mount Retention Type	Kinked Legs
Contact Retention Type Panel Mount Retention With Mating Alignment With  Housing Features  Centerline Housing Color Housing Material Housing Material Nylon(G.F)  Dimensions  Tail Length Mating Post Length PCB Thickness (Recommended) Height Wire/Cable Size (AWG) Wer/Cable Size (AWG) 18-22 Width 19-24 Width 19-21 Insulation Diameter 18-55 mm [.332 in] 10 mm [.393 in]  Usage Conditions  Operating Temperature Range  22-221 °C [-30 - 105 °F]  Diperation/Application  For Use With Header Internal/External Pick and Place Cover Without  UL Filan Mather 1 Mating Post Length Without  Length UL Filan Mather 1 Material Pick and Place Cover Without  Length UL Filan Mather 1 Material Pick and Place Cover Mithout  CSA, UL		Contact Retention	With
Panel Mount Retention   With		Mating Alignment Type	Polarization
Housing Features  Centerline Housing Color Housing Material Housing Material Nylon(G.F)  Dimensions  Tail Length Mating Post Length PCB Thickness (Recommended) Height Nylon(James Length A45 mm [.095 in] Height Wire/Cable Size (AWG) 28 – 22 Width A9 mm [.192 in] Insulation Diameter Length Usage Conditions  Operating Temperature Range  -22 – 221 °C [-30 – 105 °F]  Dimensions  UL Flammability Rating UL P4V-0 UL File Number E28476 Agency/Standard  CSA, UL		Contact Retention Type	Locking Lance
Housing Features   Centerline   1.5 mm [.059 in ]   Housing Color   Natural   Nylon(G.F)		Panel Mount Retention	With
Housing Color   Natural   Housing Material   Nylon(G.F)		Mating Alignment	With
Housing Material  Nylon(G.F)  Tail Length  Mating Post Length  2.4 mm [.095 in]  PCB Thickness (Recommended)  1.6 mm [.063 in]  Height  8.45 mm [.332 in]  Wire/Cable Size (AWG)  28 - 22  Width  4.9 mm [.192 in]  Insulation Diameter  8.5 mm [.0334041 in]  Length  10 mm [.393 in]  Deparation/Application  For Use With  Internal/External  Internal  Pick and Place Cover  Without  UL Flammability Rating  UL 94V-0  Hadency/Standard  UL File Number  E28476  Agency/Standard  CSA, UL	Housing Features	Centerline	1.5 mm [ .059 in ]
Dimensions  Tail Length  Mating Post Length  2.4 mm [.095 in]  PCB Thickness (Recommended)  1.6 mm [.063 in]  Height  8.45 mm [.332 in]  Wire/Cable Size (AWG)  28 - 22  Width  4.9 mm [.192 in]  Insulation Diameter  8.5 mm [.0334041 in]  Length  10 mm [.393 in]  Departion/Application  For Use With  Internal/External  Pick and Place Cover  Without  UL Flammability Rating  UL 94V-0  UL File Number  E28476  Agency/Standard  CSA, UL		Housing Color	Natural
Mating Post Length PCB Thickness (Recommended) 1.6 mm [.063 in] Height 8.45 mm [.332 in] Wire/Cable Size (AWG) 28 - 22 Width 4.9 mm [.192 in] Insulation Diameter 8.85 mm [.0334041 in] Length 10 mm [.393 in]  Usage Conditions Operation/Application For Use With Internal/External Internal Pick and Place Cover Without  UL Flammability Rating UL 94V-0 UL File Number E28476 Agency/Standard CSA, UL		Housing Material	Nylon(G.F)
PCB Thickness (Recommended)  Height  8.45 mm [.332 in]  Wire/Cable Size (AWG)  28 - 22  Width  4.9 mm [.192 in]  Insulation Diameter  8.5 mm [.0334041 in]  Length  10 mm [.393 in]  Departion/Application  For Use With  Internal/External  Internal  Pick and Place Cover  Without  UL Flammability Rating  UL 94V-0  UL File Number  E28476  Agency/Standard  CSA, UL	Dimensions	Tail Length	3 mm [ .118 in ]
Height 8.45 mm [.332 in]  Wire/Cable Size (AWG) 28 - 22  Width 4.9 mm [.192 in]  Insulation Diameter .85 mm [.0334041 in]  Length 10 mm [.393 in]  Usage Conditions Operating Temperature Range -22 - 221 °C [-30 - 105 °F]  Operation/Application For Use With Header  Internal/External Internal  Pick and Place Cover Without  Industry Standards UL Flammability Rating UL 94Y-0  UL File Number E28476  Agency/Standard CSA, UL		Mating Post Length	2.4 mm [ .095 in ]
Wire/Cable Size (AWG)  Width  4.9 mm [.192 in]  Insulation Diameter  .85 mm [.0334041 in]  Length  10 mm [.393 in]  Usage Conditions  Operating Temperature Range  -22 - 221 °C [-30 - 105 °F]  Operation/Application  For Use With Internal/External Internal Pick and Place Cover  Without  UL Flammability Rating  UL 94V-0  UL File Number  E28476  Agency/Standard  CSA, UL		PCB Thickness (Recommended)	1.6 mm [ .063 in ]
Width  Insulation Diameter  Insulation Diameter  Length  Operating Temperature Range  Operation/Application  For Use With Internal/External Internal Pick and Place Cover  Without  UL Flammability Rating UL 94V-0 UL File Number E28476 Agency/Standard  Operation Jaya in Jaya and Jaya		Height	8.45 mm [ .332 in ]
Insulation Diameter .85 mm [.0334041 in]  Length 10 mm [.393 in]  Usage Conditions Operating Temperature Range -22 - 221 °C [-30 - 105 °F]  Operation/Application For Use With Header Internal/External Internal Pick and Place Cover Without  Industry Standards UL Flammability Rating UL 94V-0  UL File Number E28476 Agency/Standard CSA, UL		Wire/Cable Size (AWG)	28 – 22
Length 10 mm [.393 in]  Usage Conditions Operating Temperature Range -22 - 221 °C [-30 - 105 °F]  Operation/Application For Use With Header Internal/External Internal Pick and Place Cover Without  UL Flammability Rating UL 94V-0  UL File Number E28476 Agency/Standard CSA, UL		Width	4.9 mm [ .192 in ]
Usage Conditions  Operating Temperature Range  -22 - 221 °C [-30 - 105 °F]  Operation/Application  For Use With  Internal/External  Pick and Place Cover  Without  UL Flammability Rating  UL 94V-0  UL File Number  E28476  Agency/Standard  C5A, UL		Insulation Diameter	.85 mm [ .0334 – .041 in ]
Operation/Application For Use With Header Internal/External Internal Pick and Place Cover Without  UL Flammability Rating UL 94V-0 UL File Number E28476 Agency/Standard CSA, UL		Length	10 mm [ .393 in ]
Internal/External Internal Pick and Place Cover Without  UL Flammability Rating UL 94V-0  UL File Number E28476  Agency/Standard CSA, UL	Usage Conditions	Operating Temperature Range	-22 – 221 °C [-30 – 105 °F]
Pick and Place Cover  Without  UL Flammability Rating UL 94V-0  UL File Number E28476  Agency/Standard CSA, UL	Operation/Application	For Use With	Header
Industry Standards  UL Flammability Rating  UL 94V-0  UL File Number  E28476  Agency/Standard  CSA, UL		Internal/External	Internal
UL File Number <b>E28476</b> Agency/Standard <b>CSA, UL</b>		Pick and Place Cover	Without
Agency/Standard CSA, UL	Industry Standards	UL Flammability Rating	UL 94V-0
		UL File Number	E28476
CSA File Number LR 7189-133		Agency/Standard	CSA, UL
		CSA File Number	LR 7189-133

Packaging Features Packaging Method Tray, Box Packaging Quantity 1500 **Product Compliance** Statement of Compliance VIEW ALL PRODUCT COMPLIANCE View All Products - 4 Results Relation Type RELATIONSHIP **Mating Products** See All Mating Products Used to identify Mating Parts PRODUCT - MATING PRODUCTS Always EU RoHS/ELV Compliant Connectors - Wire-to-Board Connector Housings AMP MINI-CT | AMP Mini CT Centerline 1.5 mm MINI CT MT REC ASSY Number of Positions 5 5P GRAY - 353293-5 Number of Rows 1 Color Natural ✓ Active Mating Retention Without RELATIONSHIP **Mating Products** See All Mating Products Used to identify Mating Parts PRODUCT - MATING PRODUCTS Connectors - Wire-to-Board Connector Always EU RoHS/ELV Compliant Housings AMP MINI-CT I AMP Mini CT Centerline 1.5 mm CT REC HSG 5P CRIMP Number of Positions 5 TYPE WHITE - 353908-5
TE INTERNAL NUMBER: 353908-5 Number of Rows 1 Color White Mating Retention With

RELATIONSHIP

Mating Products
Used to identify Mating Parts

See All Mating Products

PRODUCT - MATING PRODUCTS

Always FIT PoHS/FIT/ Compliant



Connectors - Mile-10-Dogra Connector

Housings AMP MINI-CT I AMP Mini CT

MINI CT MT REC ASSY 5P BLUE - 5-353293-5 TE INTERNAL NUMBER: 5-353293-5

Always LO NOI 13/LEV COMPHAIL

Centerline 1.5 mm

Number of Positions 5

Number of Rows 1

Color Blue

Mating Retention Without