



HEADERS & RECEPTACLES



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↓ **PRODUCT DRAWING**
English

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TE CONNECTIVITY (TE)

1.5 MINI CT SGL V SMT W/BOSS 1

AMP MINI-CT | AMP Mini CT

1-292230-2

TE Internal Number: 1-292230-2

Always EU RoHS/ELV Compliant

Centerline **1.5 mm [.059 in]**

Number of Positions **12**

PCB Mounting Orientation **Vertical**

PCB Mounting Style **Surface Mount**

Number of Rows **1**

Product Drawings

[AMP Mini Common Terminated \(CT\) Connector 1.5mm PITCH SINGLE ROW POST HDR ASS'Y \(V\) SMT TYPE WITH BOSS ,EMBOSS TAPE PACKAGED](#)

PDF (TIFF AVAILABLE)
English

[AMP Mini Common Terminated \(CT\) Connector 1.5mm PITCH SINGLE ROW POST HDR ASS'Y \(V\) SMT TYPE WITH BOSS ,EMBOSS TAPE PACKAGED](#)

PDF (TIFF AVAILABLE)
English

CAD Files

[3D PDF](#)

PDF
English

[Customer View Model](#)

3D_IGS.ZIP
English

[Customer View Model](#)

3D_STP.ZIP
English

[Customer View Model](#)

2D_DXF.ZIP
English

Product Specifications

Product Specification

[AMP Mini CT Connector 1.5mm Pitch \(Crimp Type\), Lead Free Version](#)

PDF
Japanese

[AMP Mini CT Connector 1.5mm Pitch \(Crimp Type\), Lead Free Version](#)

TIF
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

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	Vertical
	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	12
	Number of Rows	1
	Tail Orientation	Staggered
	Backwall/Post Interruptions	Without

Electrical Characteristics	Operating Voltage	50 VAC [50 VDC]
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Body Features	Header Type	Shrouded
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Contact Features	Contact Mating Area Plating Material	Tin
	Contact Mating Area Plating Thickness	1 µm [39.37 µin]
	Contact Termination Area Plating Thickness	1 µm [39.37 µin]
	Contact Shape	Square
	Tail Plating Material	Tin
	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

Termination Features	Termination Method to PC Board	Surface Mount
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Mechanical Attachment	PCB Mounting Style	Surface Mount
	PCB Mount Alignment	With
	PCB Mount Alignment Type	Locating Posts
	Mating Retention	With
	PCB Mount Retention	With
	PCB Mount Retention Type	Boardlocks
	Contact Retention	Without
	Mating Alignment Type	Polarization
Mating Alignment	With	
Housing Features	Centerline	1.5 mm [.059 in]
	Housing Color	Natural
	Housing Material	Nylon
Dimensions	Mating Post Length	2.4 mm [.095 in]
	PCB Thickness (Recommended)	.8 mm [.031 in]
	Height	6.9 mm [.272 in]
	Wire/Cable Size (AWG)	28 – 24
	Width	4.7 mm [.185 in]
	Insulation Diameter	.85 mm [.0334 – .041 in]
	Length	20.5 mm [.807 in]
Usage Conditions	Operating Temperature Range	-22 – 221 °C [-30 – 105 °F]
Operation/Application	For Use With	Receptacle Connector
	Internal/External	Internal
	Pick and Place Cover	Without
Industry Standards	UL Flammability Rating	UL 94V-0
	UL File Number	E28476
	Agency/Standard	CSA, UL
	CSA File Number	LR 7189-133
Packaging Features	Packaging Method	Tape, Box
	Packaging Quantity	500

Products - 4 Results

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Relation Type

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector
Housings
AMP MINI-CT | AMP Mini CT
**MINI CT MT REC ASSY
12P BLUR - 6-353293-2**
TE INTERNAL NUMBER: 6-353293-2

Active

Always EU RoHS/ELV Compliant

Centerline **1.5 mm**

Number of Positions **12**

Number of Rows **1**

Color **Blue**

Mating Retention **Without**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector
Housings
AMP MINI-CT | AMP Mini CT
**CT REC HSG 12P CRIMP
TYPE BLU - 7-353908-2**
TE INTERNAL NUMBER: 7-353908-2

Active

Always EU RoHS/ELV Compliant

Centerline **1.5 mm**

Number of Positions **12**

Number of Rows **1**

Color **Blue**

Mating Retention **With**

RELATIONSHIP

Mating Products

Used to identify Mating Parts

[See All Mating Products](#)

PRODUCT - MATING PRODUCTS



Connectors - Wire-to-Board Connector
Housings
AMP MINI-CT | AMP Mini CT
**MINI CT MT REC ASSY
12P GRAY - 1-353293-2**
TE INTERNAL NUMBER: 1-353293-2

Active

Always EU RoHS/ELV Compliant

Centerline **1.5 mm**

Number of Positions **12**

Number of Rows **1**

Color **Natural**

