TE Connectivity: Every Connection Counts
© 2016 TE Connectivity Ltd. family of companies. All Rights Reserved

CONNECTORS

HEADERS & RECEPTACLES



✔ Active

TE CONNECTIVITY (TE)

MINI CT SGL DIP V 11P NAT

AMP MINI-CT | AMP Mini CT

1-292207-1
TE Internal Number: 1-292207-1

EU RoHS Compliant
EU ELV Compliant

Connector System Wire-to-Board

Centerline (mm) 1.5

Number of Positions 11

Centerline (Pitch) (in) .059

PCB Mounting Orientation Vertical

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

AMP Mini CT Connector 1.5mm Pitch
PDF
English

CAD Files

3D PDF
PDF
3D

Customer View Model
2D_DXF.ZIP
English

Customer View Model

Downloaded from Arrow.com.

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

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

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

Product Environmental Compliance

TE Material Declaration

MD_1-292207-1_0210201401_dmtec

PDF

English

Agency Approvals

UL

AMP Mini CT Connectors

PDF

English

FEATURES

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

Downloaded from Arrow.com.

Connector System Wire-to-Board
PCB Mounting Orientation Vertical
Shape Rectangular
Product Type Connector
Applies To Printed Circuit Board
Connector Type Header
Sealed No
Connector Style Header
Strain Relief Without

Configuration Features

Number of Positions 11
Number of Rows 1
Tail Orientation Staggered
Backwall/Post Interruptions Without

Electrical Characteristics

Operating Voltage (VAC) 50
Operating Voltage (VDC) 50

Body Features

Header Type Shrouded

Contact Features

Contact Mating Area Plating Material Tin
Contact Mating Area Plating Thickness (µin) 39.37
Contact Base Material Brass
Contact Termination Area Plating Material Tin
Contact Termination Area Plating Thickness 1 – 2.5 µm [39.37 – 98.42 µin]
Contact Transmits (Typical) Signal (Data)
Contact Type Pin
Contact Design Square Post
Contact Shape Square

Termination Features

Termination Method to PC Board Through Hole - Solder

Mechanical Attachment

PCB Mount Alignment With
Mating Retention With
PCB Mount Retention With
PCB Mount Retention Type Kinked Legs
Contact Retention Type Locking Lance
Panel Mount Retention With
Contact Retention With
Mating Alignment With
Mating Alignment Type Polarization

Housing Features

Downloaded from Arrow.com.

Centerline (mm) 1.5
Centerline (Pitch) (in) .059
Housing Color Natural
Housing Material Nylon(G.F)

Dimensions

Width 4.7 mm [.185 in]
Height 8.4 mm [.33 in]
Tail Length 3 mm [.118 in]
Mating Post Length 2.4 mm [.095 in]
PCB Thickness (Recommended) 1.6 mm [.063 in]
Length 19 mm [.748 in]

Usage Conditions

Operating Temperature Range -22 – 221 °C [-30 – 105 °F]

Operation/Application

For Use With Receptacle Assembly
Internal/External Internal
Pick and Place Cover Without

Industry Standards

Agency/Standard CSA, UL
UL File Number E28476
CSA File Number LR 7189-133
UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Tray, Box
Packaging Quantity 750

Statement of Compliance

Statement of Compliance

PDF

Downloaded from Arrow.com.