2355091-6 ✔ ACTIVE

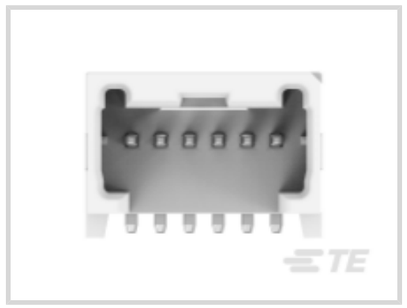
TE Internal #: 2355091-6

Connector Assembly, Plug, Wire-to-Board, 6 Position, .047 in [1.2 mm] Centerline, 1 Row, Natural, Mating Retention, Printed Circuit Board

View on TE.com >

Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings







Connector Product Type: **Connector Assembly**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **6**

Centerline (Pitch): **1.2 mm [.047 in]**

Features

Product Type Features

Connector Product Type	Connector Assembly
Connector & Housing Type	Plug
Connector System	Wire-to-Board
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	6
Number of Rows	1

Electrical Characteristics

Termination Resistance	20 mΩ
Dielectric Withstanding Voltage (Max)	250 VAC
Insulation Resistance	100 MΩ
Operating Voltage	50 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	With
Contact Layout	Inline
Contact Type	Pin
PCB Contact Termination Area Plating Material Finish	Matte
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Pre-Tin
Contact Base Material	Brass
Contact Current Rating (Max)	2 A

Mechanical Attachment

Locking Latch Between Cavity Number	None
PCB Mount Alignment Type	None
Strain Relief	With
Contact Retention Type Within Housing	Press-Fit
PCB Mount Alignment	Without
PCB Mount Retention	Without
PCB Mount Retention Type	Solder
Mating Retention Type	Detent Latching
Mating Retention	With
Connector Mounting Type	Board Mount

Housing Features

Housing Entry Configuration	Both Ends Open
Housing Material	PA 6T
Centerline (Pitch)	1.2 mm[.047 in]

Dimensions

Connector Length	9.7 mm[.381 in]
Connector Height	6.7 mm[.263 in]
Connector Width	6.85 mm[.269 in]
PCB Thickness (Recommended)	1.6 mm[.062 in]

Usage Conditions

Operating Temperature Range	30 - 85 °C

Operation/Application

Circuit Application	Power & Signal

Industry Standards

RAST Version	None
Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Reel/Carton

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2024 (240) Candidate List Declared Against: JAN 2024 (240) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

Compatible Parts



TE Part # 2355088-6
MICRO CT CONN MT REC ASSEMBLY 6P

Customers Also Bought



TE Part # 1-2355091-0
MICRO CT CONN SINGLE ROW HDR ASSY(V)10p



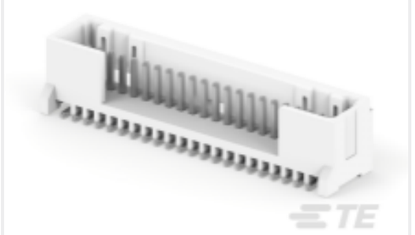
TE Part # 1-2355091-6
MICRO CT CONN SINGLE ROW HDR ASSY(V)16p



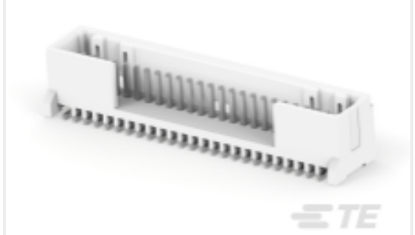
TE Part # 1-2355091-7
MICRO CT CONN SINGLE ROW HDR ASSY(V)17p



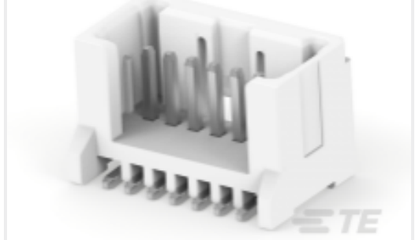
TE Part # 1-2355091-9
MICRO CT CONN SINGLE ROW HDR ASSY(V)19p



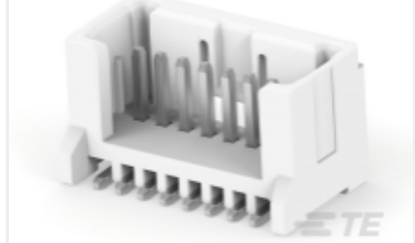
TE Part # 2-2355091-2
MICRO CT CONN SINGLE ROW HDR ASSY(V)22p



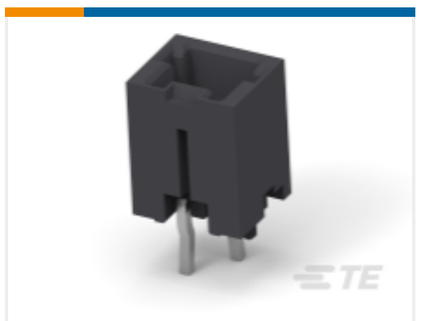
TE Part # 2-2355091-5
MICRO CT CONN SINGLE ROW HDR ASSY(V)25p



TE Part # 2355091-7
MICRO CT CONN SINGLE ROW HDR ASSY(V) 7p



TE Part # 2355091-8
MICRO CT CONN SINGLE ROW HDR ASSY(V) 8p



TE Part # 2-292207-2
MINI CT SGL DIP V 2P BLACK



TE Part # 4-292206-0
MINI CT SGL DIP H 20P BLACK

Documents

Product Drawings

MICRO CT CONN SINGLE ROW HDR ASSY(V) 6p

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2355091-6_E.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_2355091-6_E.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2355091-6_E.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditionsof use.

Datasheets & Catalog Pages

1.2mm AMP Micro CT Connector Series

English

Product Specifications

Process Specification

English

Agency Approvals

UL

English