

292253-9

✓ ACTIVE

AMP CT

TE Internal #: 292253-9

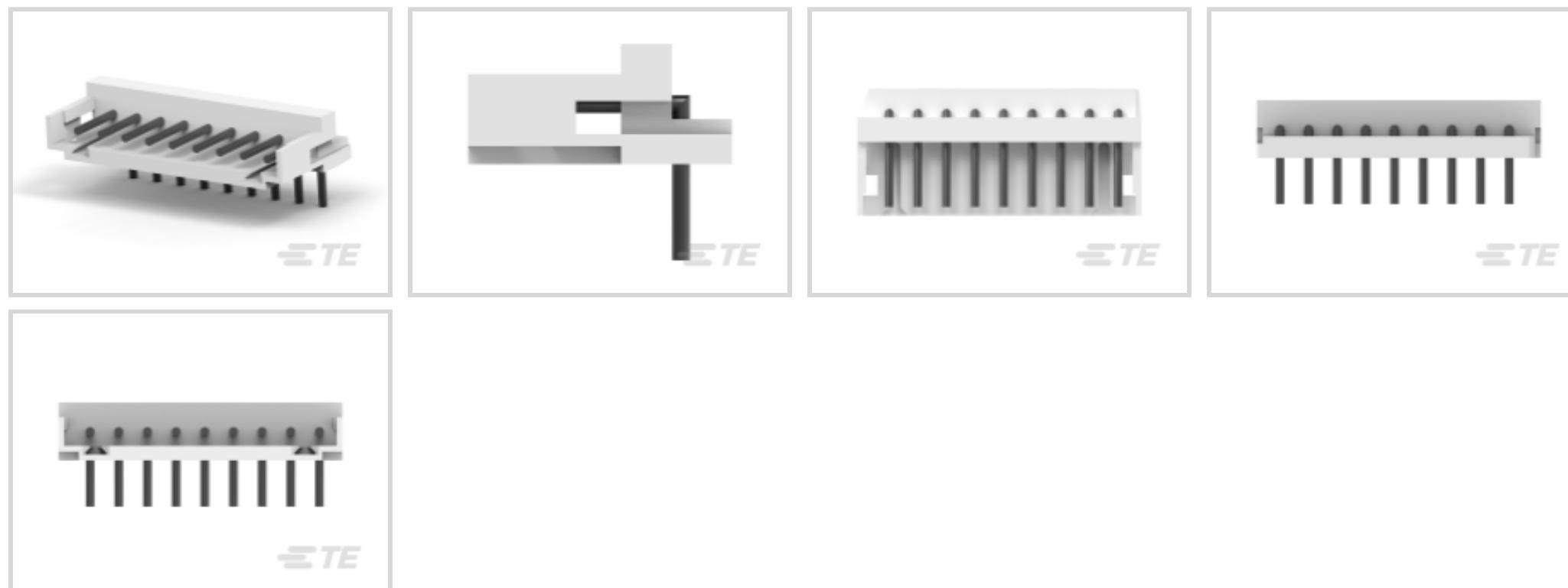
PCB Mount Header, Right Angle, Wire-to-Board, 9 Position, 2 mm [.

079 in] Centerline, Partially Shrouded, Tin, Through Hole - Solder,

AMP CT

[View on TE.com >](#)

Connectors > PCB Connectors > PCB Headers & Receptacles > CT 2mm Header Assembly: Right Angle

PCB Connector Assembly Type: **PCB Mount Header**PCB Mount Orientation: **Right Angle**Connector System: **Wire-to-Board**Number of Positions: **9**Number of Rows: **1**[All CT 2mm Header Assembly: Right Angle \(176\)](#)**Features****Electrical Characteristics**

Operating Voltage	125 VDC
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Dimensions

Connector Width	4 mm[.157 in]
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PCB Thickness (Recommended)	.8 mm[.031 – .063 in]
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Connector Height	8.8 mm[.346 in]
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Connector Length	19.8 mm[.78 in]
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Packaging Features

Packaging Quantity	500
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Packaging Method	Box, Bag
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Industry Standards

Compatible With Agency/Standards Products	UL, CSA
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Compatible With Approved Standards Products	UL E28476, CSA LR7189
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UL Flammability Rating

UL 94V-0

Operation/Application

Assembly Process Feature

Pick and Place Cover

Circuit Application

Power & Signal

Mechanical Attachment

Mating Retention Type

Detent Window

Mating Retention

Without

Mating Alignment Type

Polarization

PCB Mount Retention Type

Kinked Legs

PCB Mount Retention

With

PCB Mount Alignment

Without

Connector Mounting Type

Board Mount

Mating Alignment

With

Termination Features

Termination Post & Tail Diameter

.6 mm[.024 in]

Termination Post & Tail Length

3.2 mm[.126 in]

Termination Method to PCB

Through Hole - Solder

Contact Features

Mating Pin Diameter

.6 mm[.024 in]

Contact Mating Area Plating Material Thickness

1 μ m[39.37 μ in]

PCB Contact Termination Area Plating Material Thickness

1 μ m[39.37 μ in]

Contact Shape & Form

Round

Contact Layout

Inline

Contact Mating Area Length

4.5 mm[.177 in]

Contact Base Material

Brass

PCB Contact Termination Area Plating Material

Tin

Contact Mating Area Plating Material Finish

Matte

Contact Mating Area Plating Material

Tin

Contact Type

Pin

Contact Current Rating (Max)

4 A

Housing Features

Housing Material

Nylon 6/6

Centerline (Pitch) 2 mm [.079 in]

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Wire-to-Board
Header Type	Partially Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	9
Number of Rows	1

Body Features

Primary Product Color	Natural
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Usage Conditions

Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

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: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Wave solder capable to 265°C

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

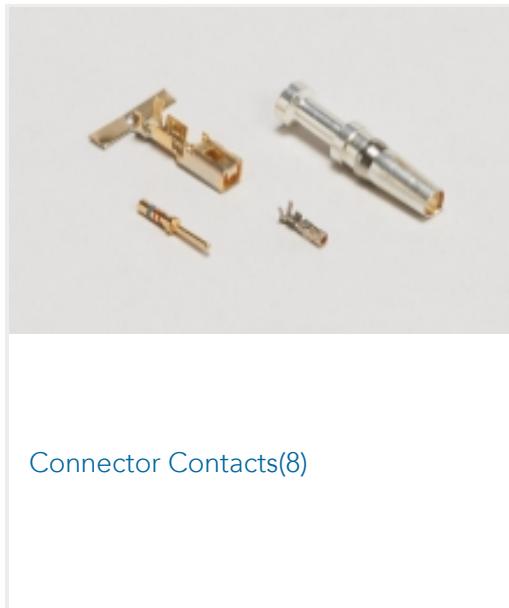


TE Part # CAT-AM7017-H8172
AMP COMMON TERMINATION
HOUSINGS

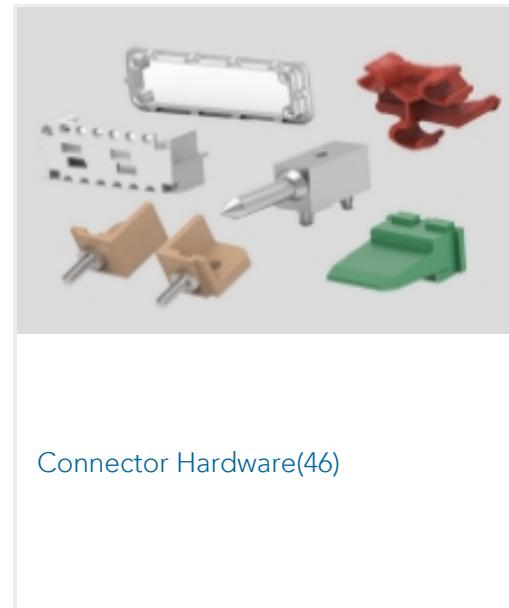


TE Part # CAT-AM7017-C7671
Common Termination Contacts —
POWER TRIPLE LOCK

Also in the Series | AMP CT



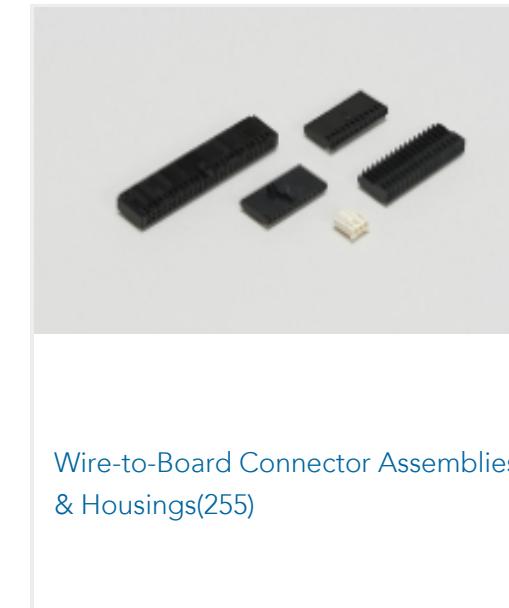
Connector Contacts(8)



Connector Hardware(46)



PCB Headers & Receptacles(756)

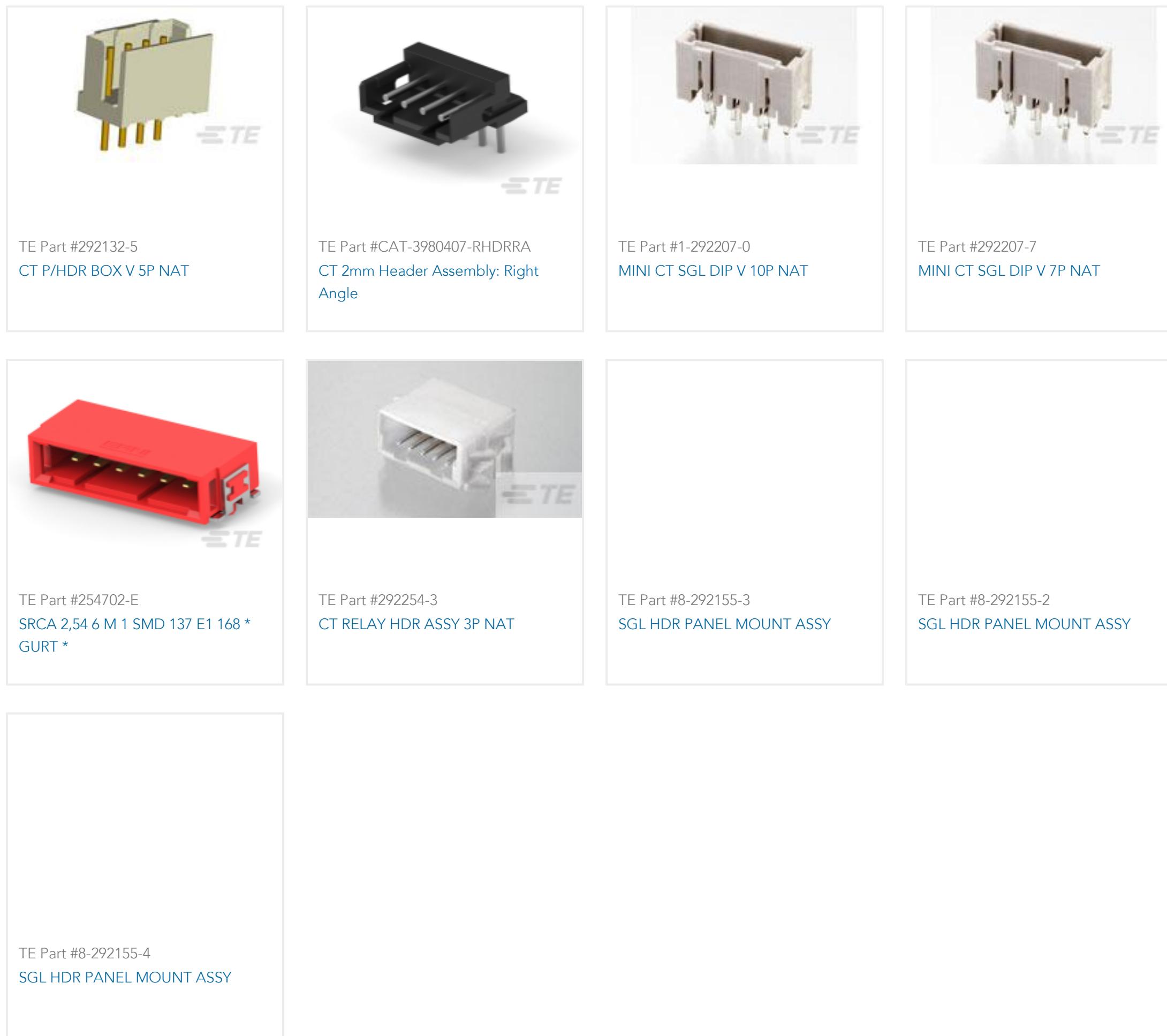


Wire-to-Board Connector Assemblies
& Housings(255)



Wire-to-Board Headers & Receptacles
(756)

Customers Also Bought



Documents

Product Drawings

CT CONN MT HDR ASSY H 9P NAT

English

CAD Files

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_292253-9_B1.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292253-9_B1.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_292253-9_B1.3d_stp.zip](#)

English

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Product Specifications

Workmanship Specification

English