



RAST

TE Internal #: 9-1534798-6
Wire-to-Board, 6 Position, 2.5 mm [.098 in] Centerline, Insulation Displacement (IDC), 1 Row, Natural, PA 6 GF, Standard Edge Connectors

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Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors



Connector System: **Wire-to-Board**
Number of Positions: **6**
Centerline (Pitch): **2.5 mm [.098 in]**
Termination Method to Wire & Cable: **Insulation Displacement (IDC)**
Number of Rows: **1**

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Receptacle
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Card Entry Style	Side
Compatible With Wire & Cable Type	Discrete Wire
Number of Positions	6
Number of Rows	1
Connector Contact Load Condition	Selectively Loaded

PCB Mount Orientation: Right Angle

Electrical Characteristics

Operating Voltage	50 VAC, 250 VAC
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Body Features

Keying Between Cavity Locations	2&3
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Primary Product Color	Natural
Contact Features	
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Base Material	Copper Tin
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Mating Area Plating Material Thickness	3 – 6 µm
Contact Current Rating (Max)	2 A
Termination Features	
Termination Method to Wire & Cable	Insulation Displacement (IDC)
Mechanical Attachment	
Mating Retention	Without
Mating Alignment Type	Keyed
Mating Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Entry Configuration	Both Ends Open
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PA 6 GF
Dimensions	
PCB Thickness (Recommended)	1.5 mm[.059 in]
Compatible Insulation Diameter Range	1.2 – 1.6 mm[.047 – .063 in]
Connector Height	7.3 mm[.287 in]
Wire Size	24 – 22 AWG
Usage Conditions	
Operating Temperature Range	-40 – 110 °C[-40 – 230 °F]
Operation/Application	
Circuit Application	Signal
Industry Standards	



Glow Wire Rating	GWEPT 750°C (Without Flame)
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Packaging Features

Packaging Method	Tray
Packaging Quantity	2156

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	Out of Scope
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 2025 (247) Candidate List Declared Against: JUL 2021 (219) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable 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>

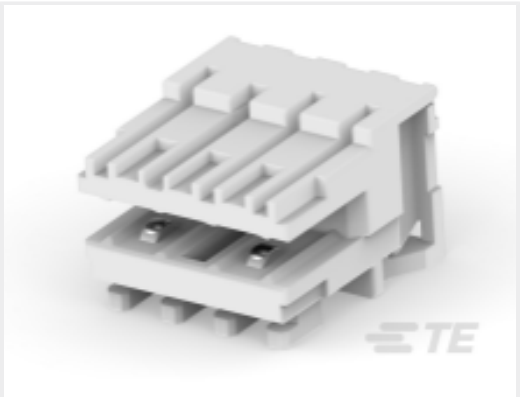
Compatible Parts



TE Part # 2-2314657-6
AMP DUOPLUG MARK II



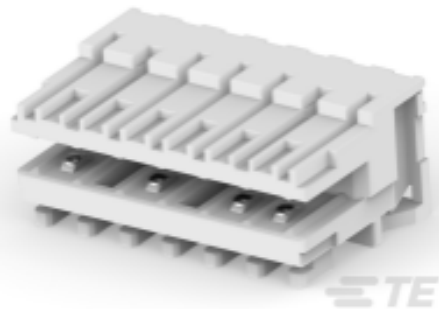
TE Part # 4-1534798-7
AMP DUOPLUG MK2 CONNECTOR
7P SELECTIVE



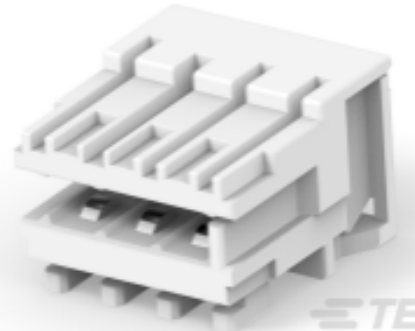
TE Part # 3-1534798-3
AMP DUOPLUG MK2 CONNECTOR
3P SELECTIVE



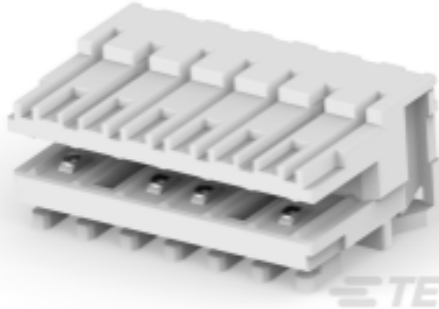
TE Part # 3-1534798-5
AMP DUOPLUG MK2 CONNECTOR
5P SELECTIVE



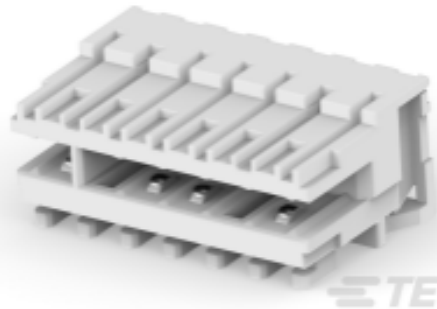
TE Part # 3-1534798-6
AMP DUOPLUG MARK II



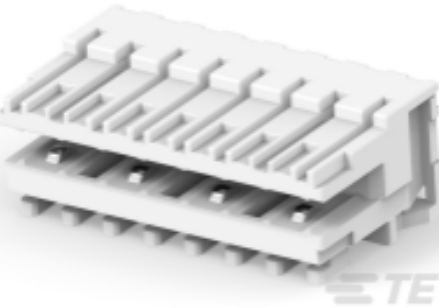
TE Part # 2-1534796-3
AMP DUOPLUG MK2 CONNECTOR 3P



TE Part # 5-1534798-6
AMP DUOPLUG MK II CON. 3-20 POS. SELECTIV

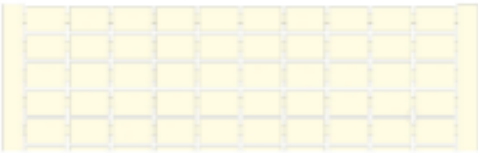


TE Part # 1-1534798-6
AMP DUOPLUG MARK II

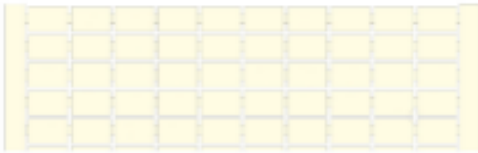


TE Part # 3-1534798-7
AMP DUOPLUG MK2 CONNECTOR 7P SELECTIVE

Customers Also Bought



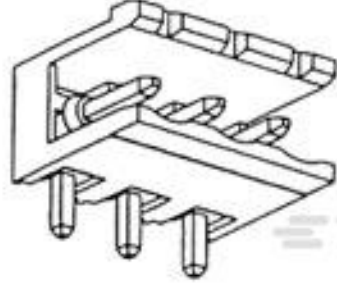
TE Part #1SNA230003R0100
RC55 11->20 (X10) HORIZONTAL



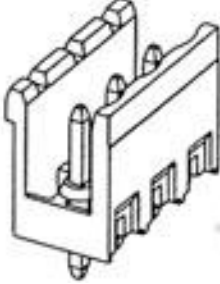
TE Part #1SNA230002R0000
RC55 1->10 (X10) HORIZONTAL



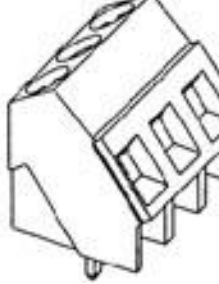
TE Part #102394-7
18 AMP MODU MT HSG DR .100CL



TE Part #282815-5
TERMI-BLOK HEADER,ASSY90 5P.5



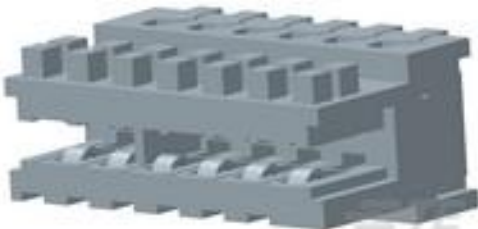
TE Part #282824-4
TERMI-BLOK HEADER,ASSY90 4P.5



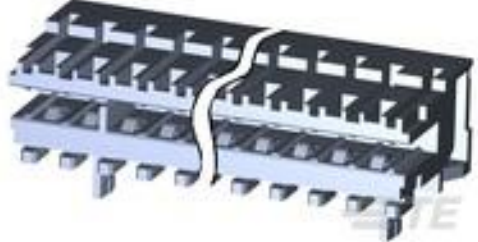
TE Part #796689-5
TERMI-BLOK PCB MOUNT 5P.



TE Part #7-2176414-4
7W STD M/OX 5% 22K



TE Part #3-284932-6
DUOPLUG MKI STD,6 POS, KEYED 4



TE Part #4-1534796-6
AMP DUOPLUG MARK II CONNECTOR 3-20POS



TE Part #1-1355181-6
DUOPLUG2,5GEH 6P 8X

Documents



CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_9-1534798-6_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_9-1534798-6_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_9-1534798-6_A.3d_stp.zip

English

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Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

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