3-1534798-6 ✔ ACTIVE

AMP DUOPLUG

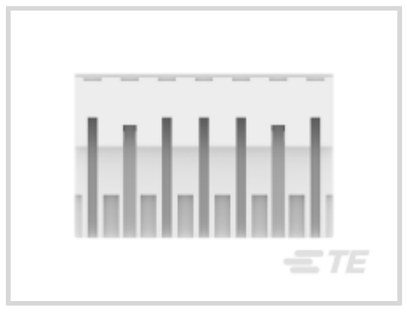
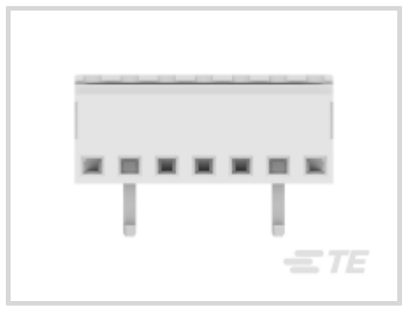
TE Internal #: 3-1534798-6

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

View on TE.com >

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

Body Features

Primary Product Color	Natural

Contact Features

Contact Retention Within Housing	With
Contact Mating Area Plating Material Thickness	3 – 6 µm
Contact Mating Area Plating Material	Tin (Sn)
Contact Base Material	Copper Tin
PCB Contact Termination Area Plating Material	Tin
Contact Type	Socket
Contact Current Rating (Max)	2 A

Termination Features

Termination Method to Wire & Cable	Insulation Displacement (IDC)

Mechanical Attachment

PCB Mount Retention	Without
Contact Retention Type Within Housing	Locking Lance
Mating Retention	Without
Mating Alignment Type	Keyed
Mating Alignment	With
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

Compatible Insulation Diameter Range	1.2 – 1.6 mm[.047 – .063 in]
PCB Thickness (Recommended)	1.5 mm[.059 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)

Packaging Features

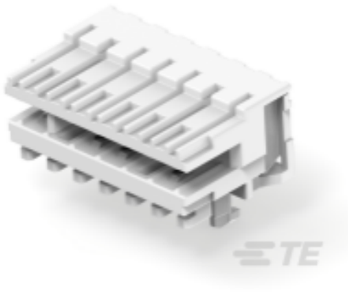
Packaging Quantity	2156
Packaging Method	Tray

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 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

Compatible Parts

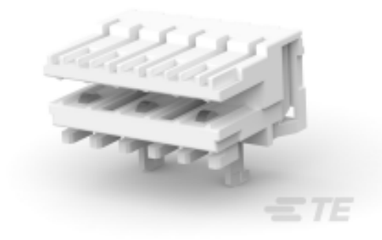


TE Part # 1-1534798-6
AMP DUOPLUG MARK II

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

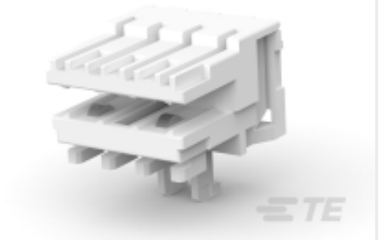
TE Part # 3-1534798-9
AMP DUOPLUG MARK II CONNECTOR3-20P SELEC

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



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

TE Part # 9-1534798-6
AMP DUOPLUG MARK II



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

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

Customers Also Bought

TE Part #1-2106003-4
Connector, SMT-IDC, 4 POS, 20 AWG

TE Part #2106003-4
Connector, SMT-IDC, 4 POS, 18 AWG

TE Part #170204-4
170262-4 LP E1CRIMP SNAP IN

TE Part #2-2106003-2
Connector, SMT-IDC, 2 position, 22AWG

TE Part #1-2106003-2
Connector, SMT-IDC, 2 POS, 20 AWG

TE Part #3-2106003-4
Connector, SMT-IDC, 4 POS, 24 AWG

TE Part #2-2106003-4
Connector, SMT-IDC, 4 POS, 22 AWG

TE Part #2106003-2
Connector, SMT-IDC, 2 position, 18AWG

TE Part #3-2106003-2
Connector, SMT-IDC, 2 POS, 24 AWG

TE Part #929941-1
JPT REC 2.8 Contact SWS Sn

Documents

CAD Files

Customer View Model

ENG_CVM_CVM_3-1534798-6_B.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-1534798-6_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-1534798-6_B.3d_stp.zip

English

Datasheets & Catalog Pages

RAST Connector System Catalog

English

Product Specifications

Application Specification

English

Agency Approvals

VDE Certificate

English

VDE Certificate

English

VDE Certificate

English

VDE Certificate

English