1-178138-5 ✔ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178138-5

PCB Mount Header, Horizontal, Wire-to-Board, 3 Position, 5.08 mm [.2 in] Centerline, Fully Shrouded, Gold (Au), Dynamic 3000 Series

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles > Header Assembly: Wire-to-Board, 15A, gold or tin plated







PCB Connector Type: **PCB Mount Header**

PCB Mount Orientation: **Horizontal**

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

Number of Positions: **3**

Centerline (Pitch): **5.08 mm [.2 in]**

All Header Assembly: Wire-to-Board, 15A, gold or tin plated (133)

Features

Product Type Features

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

Configuration Features

PCB Mount Orientation	Horizontal
Number of Positions	3
Number of Rows	1

Body Features

Connector & Keying Code	X
Primary Product Color	Black

Contact Features

Contact Shape & Form	Rectangular
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 µm[80 µin]
Contact Type	Pin
Contact Current Rating (Max)	12 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Retention Leg
Mating Alignment Type	Keyed
PCB Mount Alignment	Without
Mating Retention	With
PCB Mount Retention	With
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	5.08 mm[.2 in]
Housing Material	Polyester GF

Usage Conditions

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power & Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Quantity	20
Packaging Method	Box, Tube

Compatible Parts

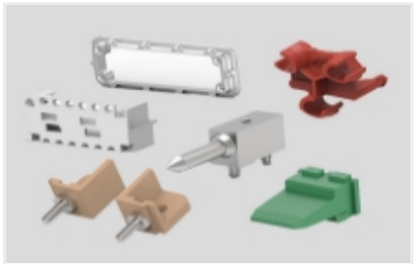


TE Part # 1-178128-3
DYNAMIC 3200 REC HSG 3P SGL

Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



Connector Hardware(8)



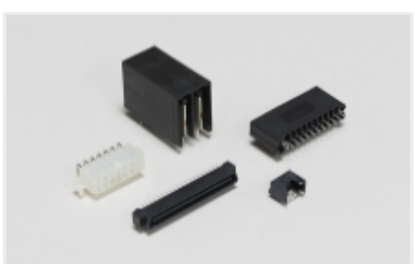
Power Contacts(94)



Rectangular Connector Housings(143)



Rectangular Power Connectors(443)



Standard Rectangular Connectors(167)



Wire-to-Board Connector Assemblies & Housings(92)

Customers Also Bought



TE Part #103735-6
07 MTE HDR SRST LATCH .100CL



TE Part #120953-4
UPM EXPANDED RCPT ASSEMBLY



TE Part #171825-2
2 POS EIS POST HDR



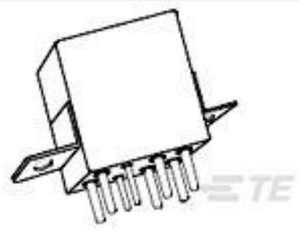
TE Part #CAT-D9934-A75E
Header Assembly: Wire-to-Board, 15A, gold or tin plated



TE Part #208488-1
CMC PLUG ASSEMBLY,SZ 22



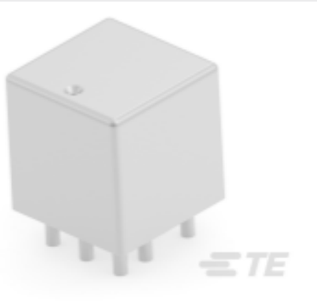
TE Part #1-641215-0
10P MTA100 HDR ASSY FL/ST 30AU



TE Part #9-1617748-2
FCA-210-0919M=M83536/9-019M



TE Part #1617754
FCA-410-1517M=M83536/15-017M



TE Part #2-1617799-5
FCAC-325-BZ4=RELAY

Documents

CAD Files

3D PDF

English

Customer View Model
ENG_CVM_1-178138-5_E.2d_dxf.zip

English

Customer View Model
ENG_CVM_1-178138-5_E.3d_igs.zip

English

Customer View Model
ENG_CVM_1-178138-5_E.3d_stp.zip

English

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

Product Specifications

Product Specification

English

Agency Approvals

Agency Approval Document

English