178328-3 ✔ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 178328-3

PCB Mount Header, Vertical, Wire-to-Board, 20 Position, 3.81 mm [.15 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: **Vertical**

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

Number of Positions: **20**

Centerline (Pitch): **3.81 mm [.15 in]**

All Header Assembly: Wire-to-Board, 15A, gold or tin plated (120)

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	Vertical
Number of Positions	20
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Black

Contact Features

Contact Shape & Form	Rectangular
Contact Underplating Material	Nickel
Contact Layout	Matrix
Contact Base Material	Copper Alloy
Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.76 µm[30 µin]
Contact Type	Tab
Contact Current Rating (Max)	15 A
PCB Contact Termination Area Plating Material	Tin

Termination Features

Termination Post & Tail Length	3.8 mm[.149 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.81 mm[.15 in]
Housing Material	Polyester GF

Dimensions

Row-to-Row Spacing	5.08 mm[.2 in]

Usage Conditions

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 Method	Box, Tube

Compatible Parts

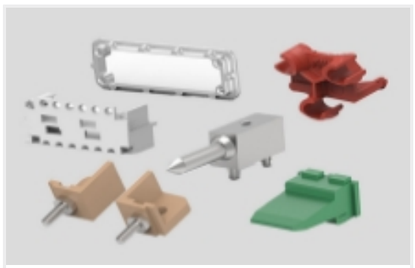


TE Part # 178289-8
DYNAMIC D3100 REC HSG 20P

Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



Connector Hardware(8)



Power Contacts(94)



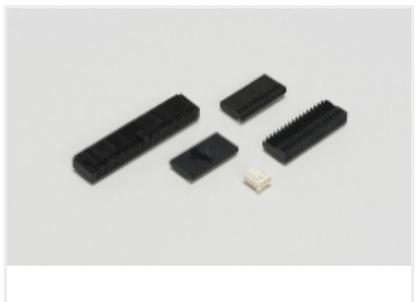
Rectangular Connector Housings(143)



Rectangular Power Connectors(443)



Standard Rectangular Connectors(167)



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

Customers Also Bought



TE Part #170265-4
PL 250 REC 12-10 AWG 0.406 X 42.3 TPPHBZ



TE Part #CAT-D9934-A75
Contact: Component To Wire; 15A, 28-14 wire size



TE Part #CAT-D9934-A75A
Receptacle and Tab Housing: 3.81 mm pitch, 250V



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



TE Part #1-917659-6
DYNAMIC 3200 D/ROW REC HSG 12P

Documents

Product Drawings

DYNAMIC D-3 HDR ASSY V 20P PdNi &Au

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_178328-3_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_178328-3_D.3d_igs.zip

English

Customer View Model

ENG_CVM_178328-3_D.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

UL

English