3-178140-2 ✔ ACTIVE

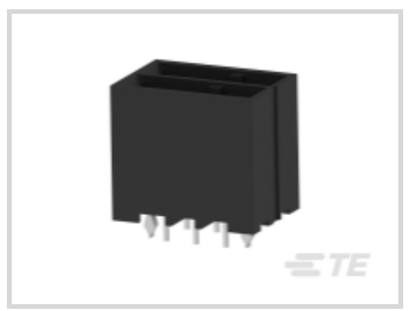
Dynamic Series | Dynamic 3000 Series

TE Internal #: 3-178140-2

PCB Mount Header, Vertical, Wire-to-Board, 6 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: **Vertical**

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

Number of Positions: **6**

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	Vertical
Number of Positions	6
Number of Rows	2

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material	Gold (Au)
Contact Mating Area Plating Material Thickness	.381 µm[15 µin]
Contact Type	Pin

Contact Current Rating (Max)	8 A

Termination Features

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

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

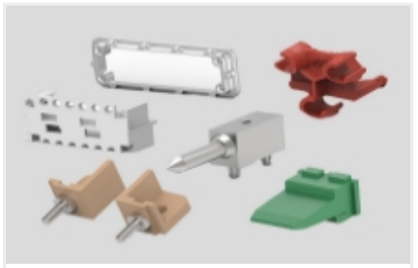


TE Part # 3-178129-6
DYNAMIC 3200 REC HSG 6P DBL

Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



Connector Hardware(8)



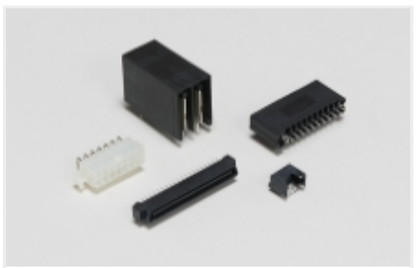
Power Contacts(94)



Rectangular Connector Housings(143)



Rectangular Power Connectors(443)



Standard Rectangular Connectors(167)



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

Customers Also Bought



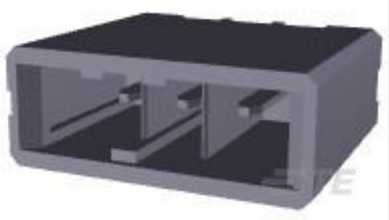
TE Part #RXM-418-LR

Module LR 418MHz AM OOK RX RCVR



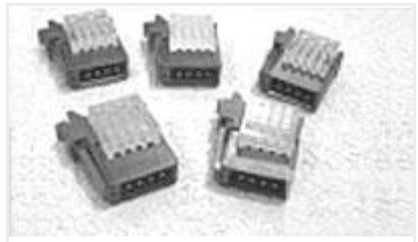
TE Part #2-178128-3

DYNAMIC 3200 REC HSG 3P (SGL)



TE Part #1-178136-2

DYNAMIC D3200 HDR V ASSY 3P PdNi &Au



TE Part #2-1473562-3

RITS CONN. PLUG ASSY 3P BLUE



TE Part #1473565-4

RITS CONN.HDR ASSY 4P



TE Part #1473565-8

RITS CONN.HDR ASSY 8P



TE Part #CAT-D9934-A78A

Receptacle and Tab Housing: 6.35 mm pitch, 600V



TE Part #8-1879130-0

RN 0402 4K99 0.1% 10PPM 1K RL



TE Part #1879216-4

CPF 0402 53K6 0.1% 25PPM 1K RL

Documents

Product Drawings

DYNAMIC D3200 HDR V ASSY 6P PdNi & Au

English

CAD Files

Customer View Model

ENG_CVM_CVM_3-178140-2_H.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_3-178140-2_H.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_3-178140-2_H.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

UL

English