1-178137-5 ✔ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178137-5

PCB Mount Header, Horizontal, Wire-to-Board, 6 Position, 3.81 mm [.15 in] Centerline, Fully Shrouded, Tin (Sn), 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: **6**

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	Horizontal
Number of Positions	6
Number of Rows	2

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material	Tin (Sn)
Contact Mating Area Plating Material Finish	Matte
Contact Mating Area Plating Material Thickness	2 µm[80 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	Keyed
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

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

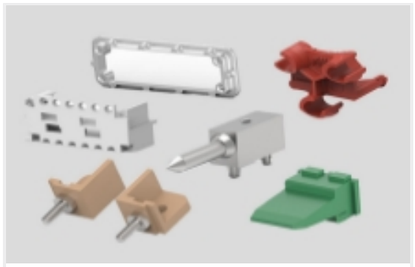


TE Part # 1-178127-6
DYNAMIC 3100 REC HSG 6P K-XX

Also in the Series | Dynamic 3000 Series



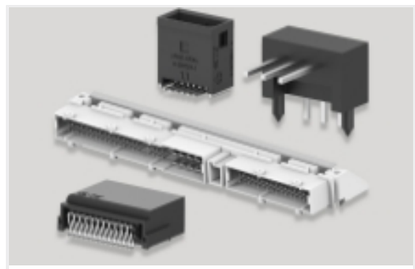
Connector Contacts(94)



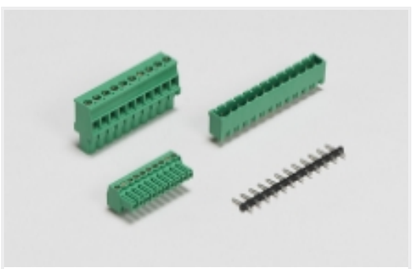
Connector Hardware(8)



Insertion & Extraction Tools(2)



PCB Headers & Receptacles(290)



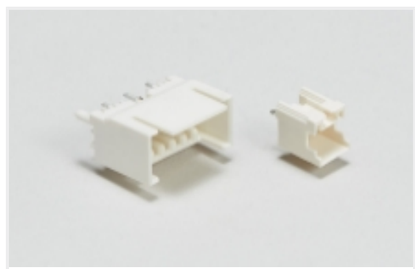
PCB Terminal Blocks(5)



Power Contacts(94)

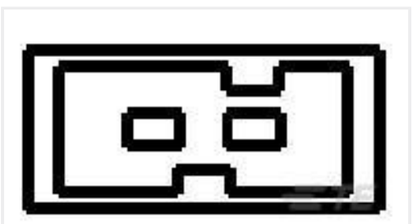


Rectangular Power Connectors(443)

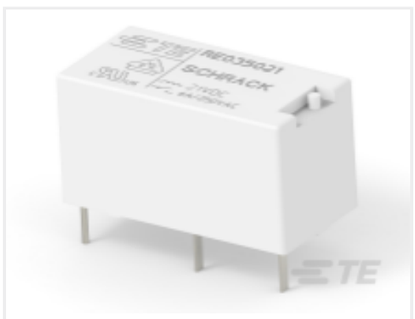


Wire-to-Board Headers & Receptacles (290)

Customers Also Bought



TE Part #2-1903328-2
DYNAMIC 4200S HDR ASSY H 2P Y



TE Part #1-1956226-1
RE035021



TE Part #CAT-D9934-A66B
Header Assembly: Wire-to-Board, 5A, gold plated



TE Part #1903188-8
IEX CONN. 1.27MMP V-REC ASSY SMT 100P



TE Part #353086-2
Z-SPACER A ASSY



TE Part #353087-2
Z-SPACER B ASSY



TE Part #2417984-2
REC KIT VERTICAL, MMC F60-P-SO



TE Part #2417985-2
REC KIT RIGHT ANGLE, MMC F60-P-SO



TE Part #2417987-2
REC KIT RIGHT ANGLE, MMC F60-P-PO

Documents

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-178137-5_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-178137-5_C.3d_igs.zip

English

Customer View Model

ENG_CVM_1-178137-5_C.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

UL

English