# 1-178297-5 ✔ ACTIVE

Dynamic Series | Dynamic 3000 Series

TE Internal #: 1-178297-5

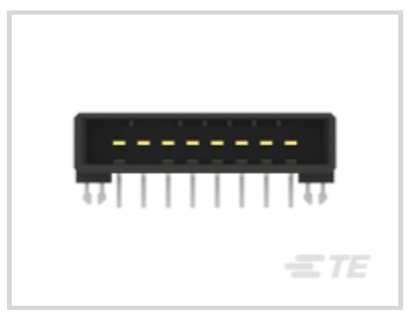
PCB Mount Header, Horizontal, Wire-to-Board, 8 Position, 3.81 mm [.15 in] Centerline, Fully Shrouded, Tin (Sn), Dynamic 3000 Series

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: **8**

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 | 8 |
| Number of Rows | 1 |

### 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) | 15 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) | 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

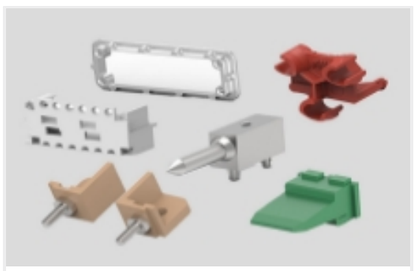


TE Part # 1-178288-7
DYNAMIC D3100S REC HSG 8P X

## Also in the Series | Dynamic 3000 Series



Connector Contacts(94)



Connector Hardware(8)



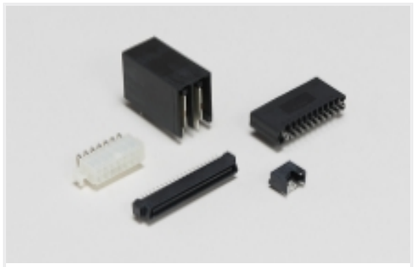
Power Contacts(94)



Rectangular Connector Housings(143)



Rectangular Power Connectors(443)

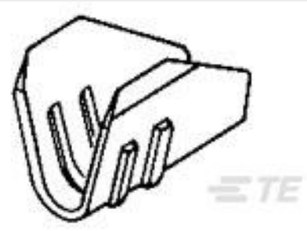


Standard Rectangular Connectors(167)

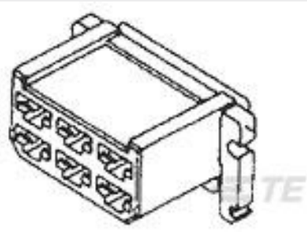


Wire-to-Board Connector Assemblies & Housings(92)

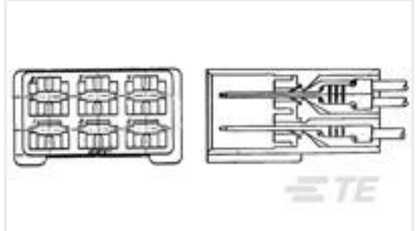
## Customers Also Bought



TE Part #63431-3
MINI AMVAR SPLICE.0126TPBR



TE Part #171432-1
FF 250 REC HSG 6P NYLON NAT



TE Part #171433-1
FF 250 TAB HSG 6P NYLON NAT



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



TE Part #CAT-D9934-A75B
Receptacle and Tab Housing: 5.08 mm Pitch, 250-600V



TE Part #1-690463-6
FLOATING SHEAR, REAR



TE Part #4-1393243-2
RT423024



TE Part #1-1633588-2
CRIMPER, WIRE

# Documents

## CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-178297-5_B.3d_igs.zip

English

Customer View Model

ENG_CVM_1-178297-5_B.3d_stp.zip

English

Customer View Model

ENG_CVM_1-178297-5_B.2d_dxf.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