# 178289-7 ✓ ACTIVE

### Dynamic Series | Dynamic 3000 Series

TE Internal #: 178289-7

Housing, Receptacle, Wire-to-Board, 16 Position, 3.81 mm [.15 in] Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable,

Dynamic 3000 Series

View on TE.com >



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings > Receptacle and Tab Housing: 3.81 mm pitch, 250V











Connector Product Type: Housing

Connector & Housing Type: Receptacle

Connector System: Wire-to-Board

Number of Positions: 16

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

All Receptacle and Tab Housing: 3.81 mm pitch, 250V (45)

### **Features**

### **Product Type Features**

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

### **Configuration Features**

Number of Positions	16
Number of Rows	2

## **Termination Features**

Termination Method to Wire & Cable	Crimo
remination Method to whe & Cable	Crimp

### Mechanical Attachment



Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Centerline (Pitch)	3.81 mm[.15 in]
Housing Color	Black
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

### **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach



## Compatible Parts



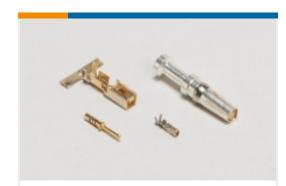






# Also in the Series | Dynamic 3000 Series

gold or tin plated



Connector Contacts(3)



Insertion & Extraction Tools(1)



PCB Connector Keying(1)



PCB Connector Mounting(8)



PCB Headers & Receptacles(283)



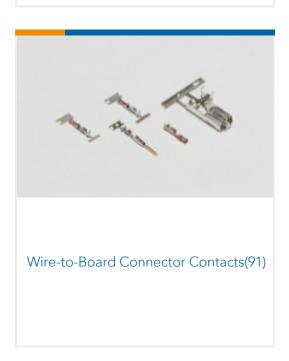
PCB Terminal Blocks(25)



Standard Rectangular Connectors(2)



Wire-to-Board Connector Assemblies & Housings(152)



Customers Also Bought

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### **Documents**

pitch, 250V

### **Product Drawings**

DYNAMIC D3100 REC HSG 16P

Japanese

#### **CAD Files**

**Customer View Model** 

ENG\_CVM\_CVM\_178289-7\_P.2d\_dxf.zip

English

3D PDF

3D

**Customer View Model** 

ENG\_CVM\_CVM\_178289-7\_P.3d\_igs.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_178289-7\_P.3d\_stp.zip

English

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

### Datasheets & Catalog Pages

1-1773732-4\_DYNAMIC\_SERIES\_CATALOG\_ENGLISH

Japanese

1-1773732-4\_DYNAMIC\_SERIES\_CATALOG\_ENGLISH

English

### **Product Specifications**

**Product Specification** 

English

### **Product Environmental Compliance**

MD\_178289-7\_06202018538\_dmtec

English

MD\_178289-7\_06202018538\_dmtec

English

### **Agency Approvals**

**TUV Certificate** 

Housing, Receptacle, Wire-to-Board, 16 Position, 3.81 mm [.15 in] Centerline, Crimp, 2 Row, Black, Mating Retention, Wire & Cable, Dynamic 3000 Series



English