5-1747145-3 ✔ ACTIVE

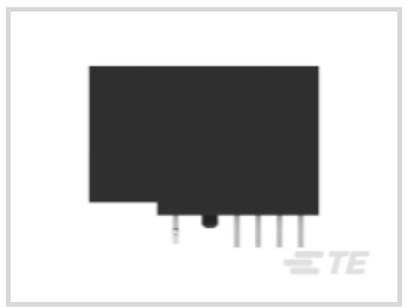
Dynamic Series | Dynamic DZ 5200 Series

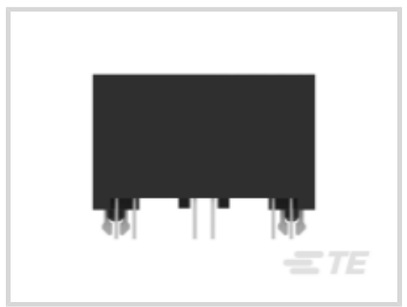
TE Internal #: 5-1747145-3

PCB Mount Header, Right Angle, Board-to-Board, 3 Position, 10.16 mm [.4 in] Centerline, Fully Shrouded, Gold, Dynamic DZ 5200 Series

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles




PCB Connector Assembly Type: **PCB Mount Header**

PCB Mount Orientation: **Right Angle**

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

Number of Positions: **3**

Number of Rows: **1**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Header
Connector System	Board-to-Board
Header Type	Fully Shrouded
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

PCB Mount Orientation	Right Angle
Number of Positions	3
Number of Rows	1
Board-to-Board Configuration	Perpendicular

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material	Gold

Contact Mating Area Plating Material Thickness	.2 µm[8 µin]
Contact Type	Pin
Contact Current Rating (Max)	20 A

Termination Features

Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

PCB Mount Retention Type	Retention Leg
Mating Alignment	With
Mating Alignment Type	Polarization
PCB Mount Retention	With
PCB Mount Alignment	Without

Housing Features

Centerline (Pitch)	10.16 mm[.4 in]
Housing Material	PBT GF

Dimensions

PCB Thickness (Recommended)	1.6 mm[.063 in]

Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]

Operation/Application

Circuit Application	Power

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Box, Tube

Product Compliance

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

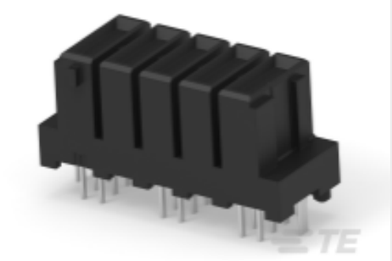
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241)

	Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Wave solder capable to 265°C

Product Compliance Disclaimer

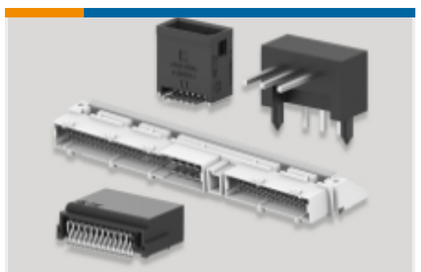
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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



TE Part # 5-1747147-3
DZ5200 V-REC ASSY 3P 10.16MM PITCH

Also in the Series | Dynamic DZ 5200 Series



PCB Headers & Receptacles(10)

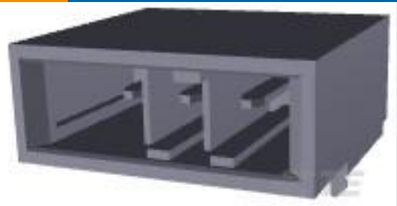
Customers Also Bought



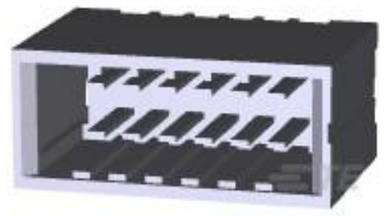
TE Part #1-179553-3
DYNAMIC D-3200 WTW TAB HSG 3P



TE Part #175288-2
DYNAMIC D-3 TAB CONT. M AU 0.38 L/P



TE Part #1-178138-2
DYNAMIC 3200 HDR H 3P ASSY



TE Part #178326-2
DYNAMIC DBL ROW HDR ASSY 12P V



TE Part #350551-3
UMNL SOK 20-14 PTPPHBZ L/P



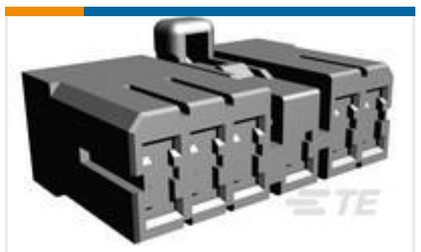
TE Part #170205-2
E.I. SERIES CONTACT LP



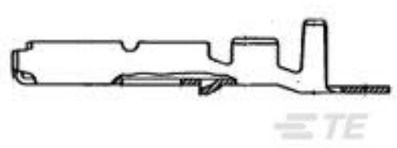
TE Part #1-353082-3
DYNAMIC D-5200 HDR V ASSY 3P



TE Part #172246-2
DLI CONN. 8 POS. RECEPT.



TE Part #172497-1
MIC MARK-2 PLUG HSG 11P



TE Part #172776-1
MIC MARK-2 REC CONTACT L.P

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_5-1747145-3_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_5-1747145-3_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_5-1747145-3_C.3d_stp.zip

English

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

Product Specifications

Product Specification

Japanese

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

175977-2 3-1393225-0 ROX05SJ18R SBCHE64R7K 1-794222-0 1903112-2 2005330-1 2377783-2
917696-1 MPT100C18RF 2-292161-3 2834055-1 SMW73R0JT TE50BR39J U5254-000005-030PA
1393431-1 141991-2 3631B101LL CRGCQ2010J3K3 SBCHE154R7K 1743455-2 2310537-1 2380312-2
650075-000 936348-1 RH73H2A40MKTN 1-962915-1 1969656-1 3430B2F51RTDF CPF0402B37K4E1