

474019-E

✓ ACTIVE

TE Internal #: 474019-E
PCB Mount Header, Right Angle, Wire-to-Board, 10 Position, 2.54 mm [.1 in] Centerline, Fully Shrouded, Gold (Au), Surface Mount, Signal, Red, Package
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Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**
PCB Mount Orientation: **Right Angle**
Connector System: **Wire-to-Board**
Number of Positions: **10**
Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

Mixed & Hybrid Header	No
Connector Shape	Rectangular
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

Number of Columns	5
Number of Loaded Positions	10
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle
Number of Positions	10
Number of Rows	2



Body Features

Primary Product Color	Red
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Contact Features

Contact Size	.63mm
Contact Shape & Form	Square
PCB Contact Termination Area Plating Material Thickness	4 – 6 µm[157.48 – 236.22 µin]
Contact Layout	Matrix
Contact Mating Area Length	4.1 mm[.161 in]
Contact Base Material	Copper Alloy
PCB Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Tab
Contact Current Rating (Max)	12 A

Termination Features

Termination Method to PCB	Surface Mount
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Mechanical Attachment

Mounting Alignment Feature Length	.75 mm[.029 in]
Mating Alignment Type	Polarization
PCB Mount Alignment Type	Pegs
PCB Mount Alignment	With
PCB Mount Retention	Without
Connector Mounting Type	Board Mount
Mating Alignment	With

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Liquid Crystal Polymer (LCP)

Dimensions

Row-to-Row Spacing	2.54 mm[.1 in]
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Usage Conditions

Operating Temperature Range	-55 – 150 °C[-67 – 302 °F]
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Operation/Application

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Circuit Application	Signal
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Industry Standards

UL Flammability Rating	UL 94V-0
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Packaging Features

Packaging Quantity	380
Packaging Method	Package

Product Compliance

For compliance documentation, visit the product page on [TE.com](#)>

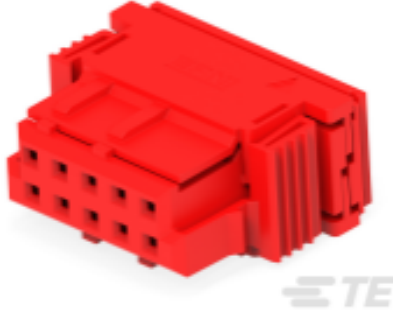
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed 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





TE Part # 474037-E
DRCBUG B 2,54 10 * CSI 165 E012
ADV J 2

Customers Also Bought



TE Part #464689-E
DRCQ 2,54 20 M * SMD * 137 E012
168 GU-H



TE Part #354186-E
MSPEED 50 M SMDTHR M9 B AB VV
137 094 *



TE Part #374335-E
DRCBUG B 2,54 20 * CSI 112 E012
ADV J 2



TE Part #T2050001016-000
CNM-16



TE Part #T1936030000-000
H3APR-AGC



TE Part #T1012241100-001
H24BK-KDTP-SS



TE Part #294816-E
SMCB 40 F AB VV 6-01 VH * 0008 137
E002



TE Part #234479-E
SRCP 1,27 12 F 1 I2426 137 E1 162 1,07
T



TE Part #374338-E
DRCBUG B 2,54 20 * CSI 165 E012
ADV J 2



TE Part #T2080122201-001
HQ-012 FEMALE INSERT,FITTING
WITH H3APR

Documents

Product Drawings

DRCB 2,54 10 M SMD * 137 E012 168 GURT *

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_474019-E_B.3d_igs.zip



English

Customer View Model

[ENG_CVM_CVM_474019-E_B.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_474019-E_B.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[ERNI MicroCon 0.8 mm Connectors](#)

German

[ERNI MicroCon 0.8 mm Connectors](#)

English

Product Specifications

[MaxiBridge - Receptacle & Header](#)

English