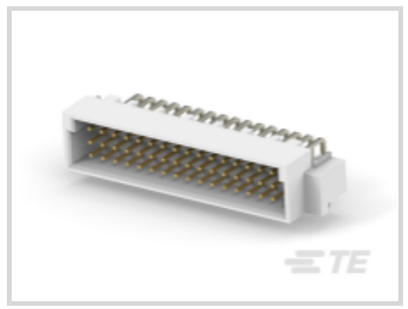
4-2271290-0 ✔ ACTIVE

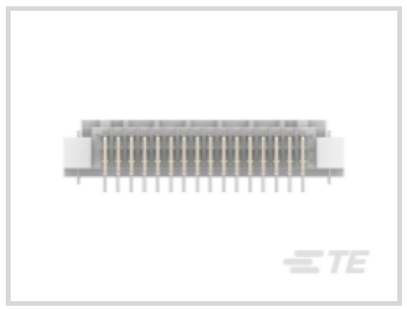
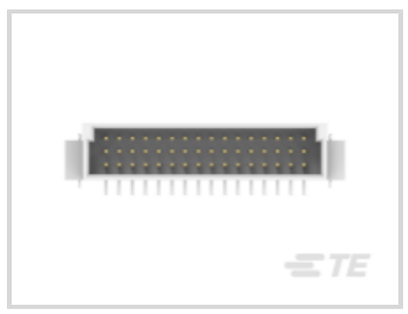
TE Internal #: 4-2271290-0

PCB Mount Header, Right Angle, Board-to-Board, 48 Position, 2.54 mm [.1 in] Centerline, Unshrouded, Gold (Au), Through Hole - Solder, Signal, Black

View on TE.com >

Connectors > PCB Connectors > PCB Headers & Receptacles



PCB Connector Type: **PCB Mount Header**

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

Number of Positions: **48**

Number of Rows: **3**

Centerline (Pitch): **2.54 mm [.1 in]**

Features

Product Type Features

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

Configuration Features

Number of Positions	48
Number of Rows	3
PCB Mount Orientation	Right Angle
Board-to-Board Configuration	Perpendicular

Body Features

Primary Product Color	Black

Contact Features

Contact Mating Area Plating Material Thickness	.762 µm[30 µin]
Contact Mating Area Plating Material	Gold (Au)
Contact Type	Pin
Contact Current Rating (Max)	2 A

Termination Features

Rectangular Termination Post & Tail Thickness	2 mm
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Connector Mounting Type	Board Mount
Mating Alignment	Without
PCB Mount Alignment	Without
PCB Mount Retention	Without

Housing Features

Centerline (Pitch)	2.54 mm[.1 in]
Housing Material	Thermoplastic

Dimensions

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

Usage Conditions

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

Operation/Application

Circuit Application	Signal

Industry Standards

UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Tray

Product Compliance

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

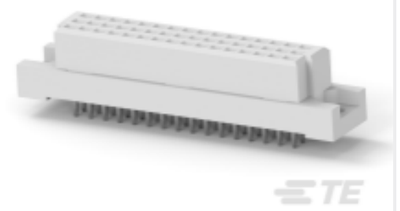
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	

	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

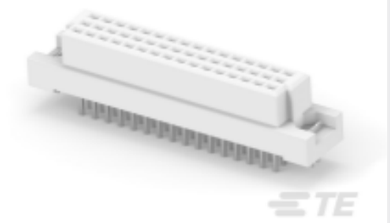
Product Compliance Disclaimer

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 # 4-2271908-0
CELLO,REC,48P,TH,V,FG,DIP3.0,-

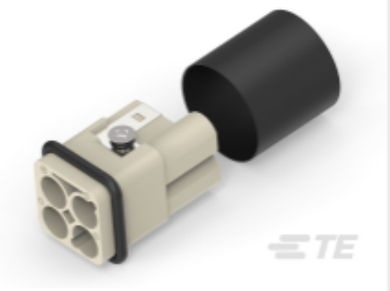


TE Part # 8-2271084-0
CELLO,REC,48P,TH,V,FG,DIP4.57,CLIP

Customers Also Bought



TE Part #T2040001100-000
CMM-10



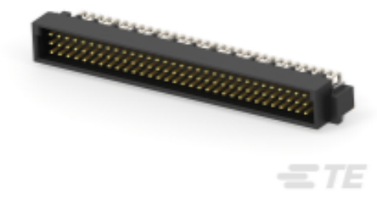
TE Part #T2080033101-007
HQ-003-PM



TE Part #175196-2
DYNAMIC D-3 REC CONT. L PdNi & AU 0.38



TE Part #2-1969541-0
RETAINER, TPA, DUAL ROW, EP2.5



TE Part #4-2271099-0
CELLO,MALE,RA, 2.54PITCH, DIP3.0, WC



TE Part #CAT-124-T
Push-In PCB Terminal Blocks: Time Saving Connectors



TE Part #2834207-1
2.5MM LATCH LOCK PLUG CONTACT

Documents

Product Drawings

CELLO,PIN,48P,TH,RA,FG,DIP3.0,CLIP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-2271290-0_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-2271290-0_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-2271290-0_A.3d_stp.zip

English

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

Product Specifications

Product Specification

English