106740-4 SUPERSEDED

EUROCARD

TE Internal #: 106740-4

TE Internal Description: 160P.IEC-C.M.CONN.

View on TE.com >

Connectors > PCB Connectors > Card Edge Connectors > Standard Edge Connectors







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

Number of Positions: **160**

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

Number of Rows: **5**

Primary Product Color: **Gray**

Features

Product Type Features

Connector System	Board-to-Board
Connector & Housing Type	Plug
Connector & Contact Terminates To	Printed Circuit Board

Configuration Features

Number of Positions	160
Number of Rows	5
Connector Contact Load Condition	Fully Loaded
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	50 VAC

Body Features

Primary Product Color	Gray

Contact Features

Contact Retention Within Housing	Without
Contact Type	Pin

Contact Mating Area Plating Material	Tin
Contact Underplating Material	Nickel
PCB Contact Termination Area Plating Material	Tin
Contact Base Material	Brass
Contact Current Rating (Max)	1.5 A

Termination Features

Termination Post & Tail Length	2.8 mm[.11 in]
Termination Method to PCB	Through Hole - Solder

Mechanical Attachment

Mating Alignment Type	Polarization
Mating Retention	Without
Mating Alignment	With
PCB Mount Alignment	Without
PCB Mount Retention	With
PCB Mount Retention Type	Mounting Ears
Connector Mounting Type	Board Mount

Housing Features

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

Dimensions

Connector Length	93.9 mm[3.69 in]
Connector Height	22.8 mm[.89 in]
Connector Width	13.94 mm[.54 in]
PCB Thickness (Recommended)	2.03 – 2.54 mm[.08 – .1 in]
Row-to-Row Spacing	2.54 mm[.1 in]

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]

Operation/Application

Circuit Application	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	Not Yet Reviewed
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: JAN 2022 (223) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.
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

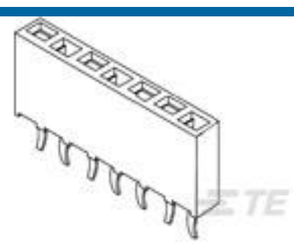
Customers Also Bought



TE Part #640456-2
02P MTA100 HDR ASSY F/L SQ STR



TE Part #1676455-2
RN 0805 8K06 0.1% 10PPM 1KRL



TE Part #215297-8
8P HV100 REC CON. TE, 7.0MM



TE Part #1825059-5
ADF02ST04=DIP SWT,FLUSH,SMT-GW



TE Part #680333-000
D-609-13



TE Part #36149
PIDG R 22-16 COMM 22-18 MIL 6



TE Part #1649329-1
RTE24005

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_106740-4_B.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_106740-4_B.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_106740-4_B.3d_stp.zip

English

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

Product Specifications

Application Specification

English

Unikeyic Electronics

Global Electronic Components Distributor

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

TE Connectivity:

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