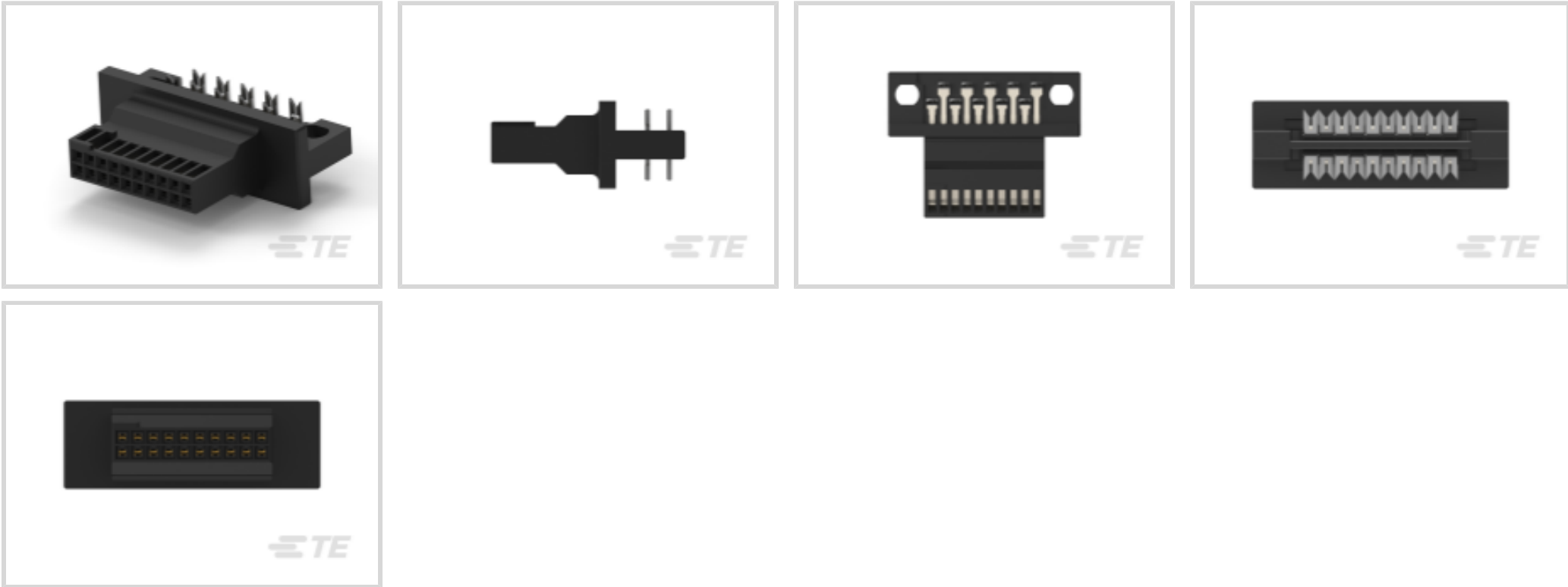




Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > Ribbon Cable Connectors



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

Number of Positions: **40**

Centerline (Pitch): **1.27 mm [.05 in]**

Row-to-Row Spacing: **1.27 mm [.05 in]**

Number of Rows: **2**

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| Connector Product Type | Connector Assembly |
| Connector System | Cable-to-Board |
| Connector & Housing Type | Receptacle |
| Connector & Contact Terminates To | Wire & Cable |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 40 |
| Number of Rows | 2 |

Electrical Characteristics

| | |
|-----------------------|---------|
| Insulation Resistance | 5000 MΩ |
| Operating Voltage | 30 VAC |

Body Features

| | |
|-----------------------|----------|
| Primary Product Color | Black |
| Connector Profile | Standard |



Contact Features

| | |
|---|-----------------|
| Contact Layout | Matrix |
| Mating Pin Diameter | .46 mm[.018 in] |
| Contact Type | Receptacle |
| Wire Contact Termination Area Plating Thickness | 1.27 µm[50 µin] |
| Wire Contact Termination Area Plating Material | Tin |
| Contact Mating Area Plating Material Thickness | .762 µm[30 µin] |
| Contact Mating Area Plating Material | Gold |
| Contact Underplating Material | Nickel |
| Contact Base Material | Phosphor Bronze |
| Contact Current Rating (Max) | .5 A |

Termination Features

| | |
|------------------------------------|-------------------------------|
| Termination Method to Wire & Cable | Insulation Displacement (IDC) |
|------------------------------------|-------------------------------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Mating Alignment | With |
| Mating Alignment Type | Polarization |
| Mating Retention | Without |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|------------------------------|
| Housing Material | LCP (Liquid Crystal Polymer) |
| Centerline (Pitch) | 1.27 mm[.05 in] |

Dimensions

| | |
|--------------------|---------------------------|
| Connector Length | 33.73 mm[1.328 in] |
| Connector Height | 15.94 mm[.628 in] |
| Connector Width | 7.21 mm[.284 in] |
| Wire Size | .08 – .09 mm ² |
| Row-to-Row Spacing | 1.27 mm[.05 in] |

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -65 – 105 °C[-85 – 221 °F] |
|-----------------------------|----------------------------|

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards



| | |
|------------------------|-----------------------|
| UL Rating | Recognized |
| Agency/Standard | CSA, UL |
| Approved Standards | CSA LR7189, UL E28476 |
| UL Flammability Rating | UL 94V-0 |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 15 |
| Packaging Method | Tube |

Product Compliance

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

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Compliant |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JUNE 2023 (235) Candidate List Declared Against: JUNE 2023 (235) SVHC > Threshold: Pb (13% in Component Part) Article Safe Usage Statements: Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location. |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| 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



TE Part # 843477-1
TOOL, EXTRACTION RESET

TE Part # 5-147383-4
40 50/50 HDR SMT.390 W/HD VC

TE Part # 1571424-1
40 50/50 HDR DRST TH .250

TE Part # 2267255-4
40 50/50 HDR DRST TH .320

TE Part # 2267256-4
40 50/50 HDR DRST TH .390

TE Part # 2267258-4
40 50/50 HDR TH/PiP.250 W/HD VC

TE Part # 2267259-4
40 50/50 HDR TH/PiP.320 W/HD VC

TE Part # 2267260-4
40 50/50 HDR TH/PiP.390 W/HD VC

Also in the Series | **AMPMODU 50/50 Grid**

Insertion & Extraction Tools(1)

PCB Connector Covers(9)

PCB Headers & Receptacles(302)

Ribbon Cable Connectors(34)

Customers Also Bought

TE Part #104891-4
40 50/50 GRID CABLE RCPT COVER

TE Part #20003975-01
PRES,SENSOR,MPS;1620-K-N-10257-003

Documents

Product Drawings
40 50/50 GRID CABLE RECPT

English

CAD Files
Customer View Model
ENG_CVM_CVM_104893-4_H.2d_dxf.zip



English

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_104893-4_H.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_104893-4_H.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

Agency Approvals

[UL Report](#)

English