

2-84952-8

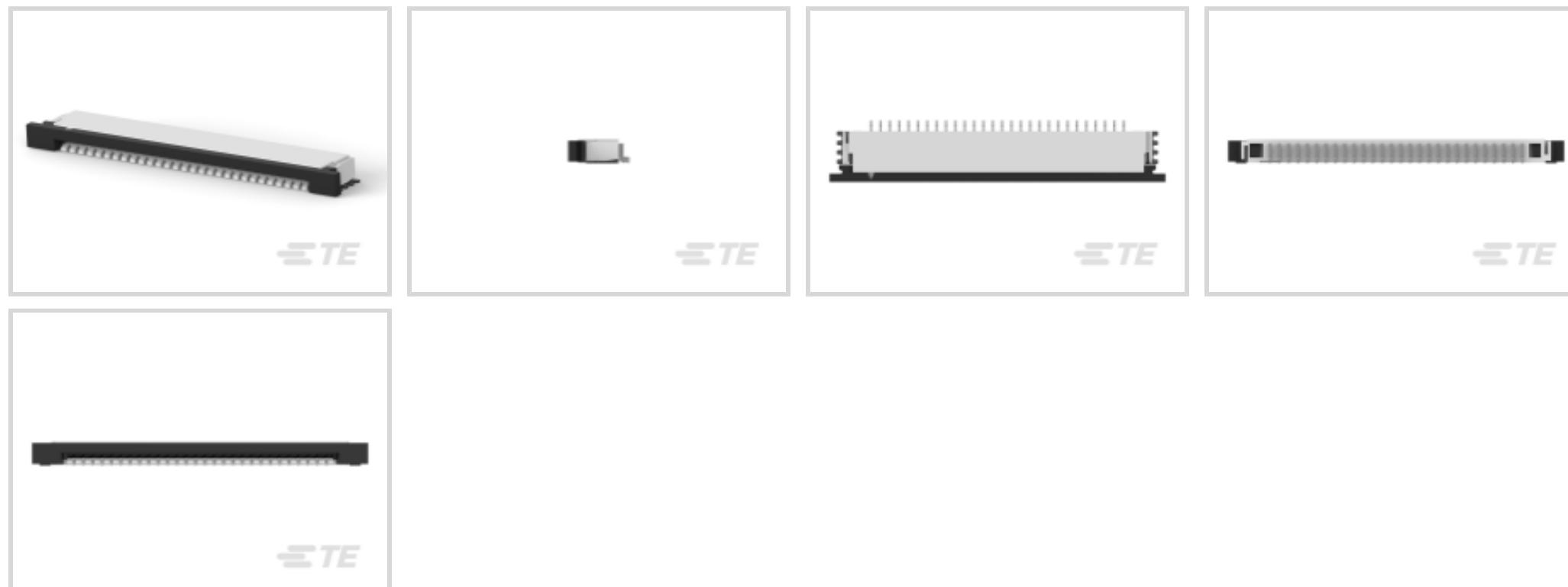
✓ ACTIVE

FPC

TE Internal #: 2-84952-8

FPC Connectors, Flex-to-Board, 28 Position, .039 in [1 mm]

Centerline, Zero Insertion Force (ZIF), Right Angle, Surface Mount

[View on TE.com >](#)[Connectors > PCB Connectors > Wire-to-Board Connectors > FFC, FPC & Ribbon Connectors > FPC Connectors](#)Connector System: **Flex-to-Board**Number of Positions: **28**Centerline (Pitch): **1 mm [.039 in]**Insertion Force Type: **Zero Insertion Force (ZIF)**PCB Mount Orientation: **Right Angle**

Features

Product Type Features

PCB Connector Assembly Type	PCB Mount Receptacle
Connector Product Type	Connector Assembly
Connector System	Flex-to-Board
Insertion Force Type	Zero Insertion Force (ZIF)
FPC Actuator Type	Stuffer (Plunger Style)
Connector & Contact Terminates To	Flexible Printed Circuit (FPC)

Configuration Features

Compatible With Wire & Cable Type	FFC, FPC
Number of Rows	1
Number of Positions	28
PCB Mount Orientation	Right Angle

Electrical Characteristics

Operating Voltage	200 VAC
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Body Features

Primary Product Color

Natural

Contact Features

PCB Contact Termination Area Plating Material Thickness

2 μm [78.74 μin]

Contact Layout

Inline

Contact Type

Socket

Contact Mating Area Plating Material Thickness

2 μm [78.74 μin]

PCB Contact Termination Area Plating Material Finish

Bright

Contact Shape & Form

Single Beam

Contact Mating Area Plating Material Finish

Bright

PCB Contact Termination Area Plating Material

Tin

Contact Base Material

Phosphor Bronze

Contact Mating Location

Bottom

Contact Mating Area Plating Material

Tin

Contact Current Rating (Max)

1 A

Termination Features

Termination Method to Printed Circuit Board

Surface Mount

Mechanical Attachment

Mating Alignment

With

Connector Mounting Type

Board Mount

PCB Mount Alignment

Without

PCB Mount Retention

With

Housing Features

Housing Material

LCP (Liquid Crystal Polymer)

Centerline (Pitch)

1 mm[.039 in]

Dimensions

Connector Length

35.92 mm[1.414 in]

Connector Height

2.56 mm[.101 in]

Connector Width

6.54 mm[.258 in]

Accepts Flex Cable Thickness

.3 mm[.012 in]

Usage Conditions

Operating Temperature Range

-40 - 85 °C[-40 - 185 °F]

Operation/Application

Circuit Application

Signal

Identification Marking

Circuit Identification Feature

With

Packaging Features

Packaging Quantity

1200

Packaging Method

Tape & Reel

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: JAN 2024
(240)Candidate List Declared Against: JAN 2024
(240)

Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900
ppm.

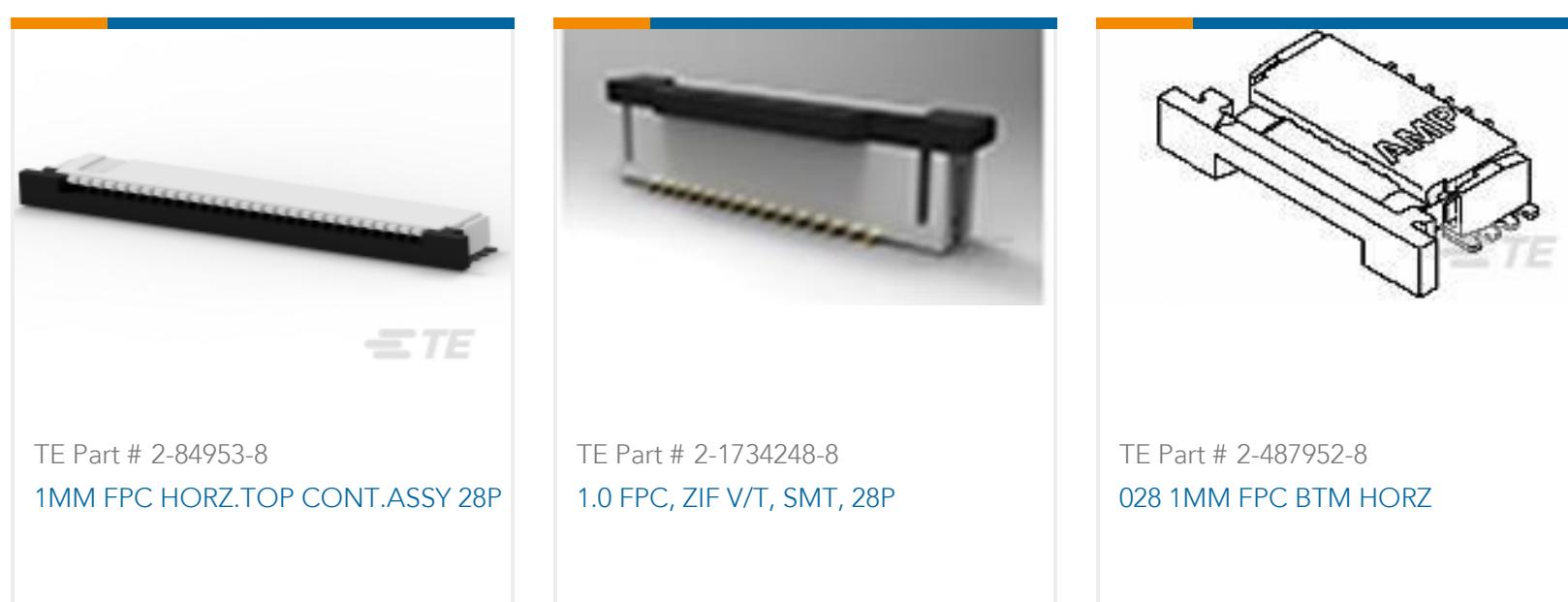
Solder Process Capability

Reflow solder capable to 260°C

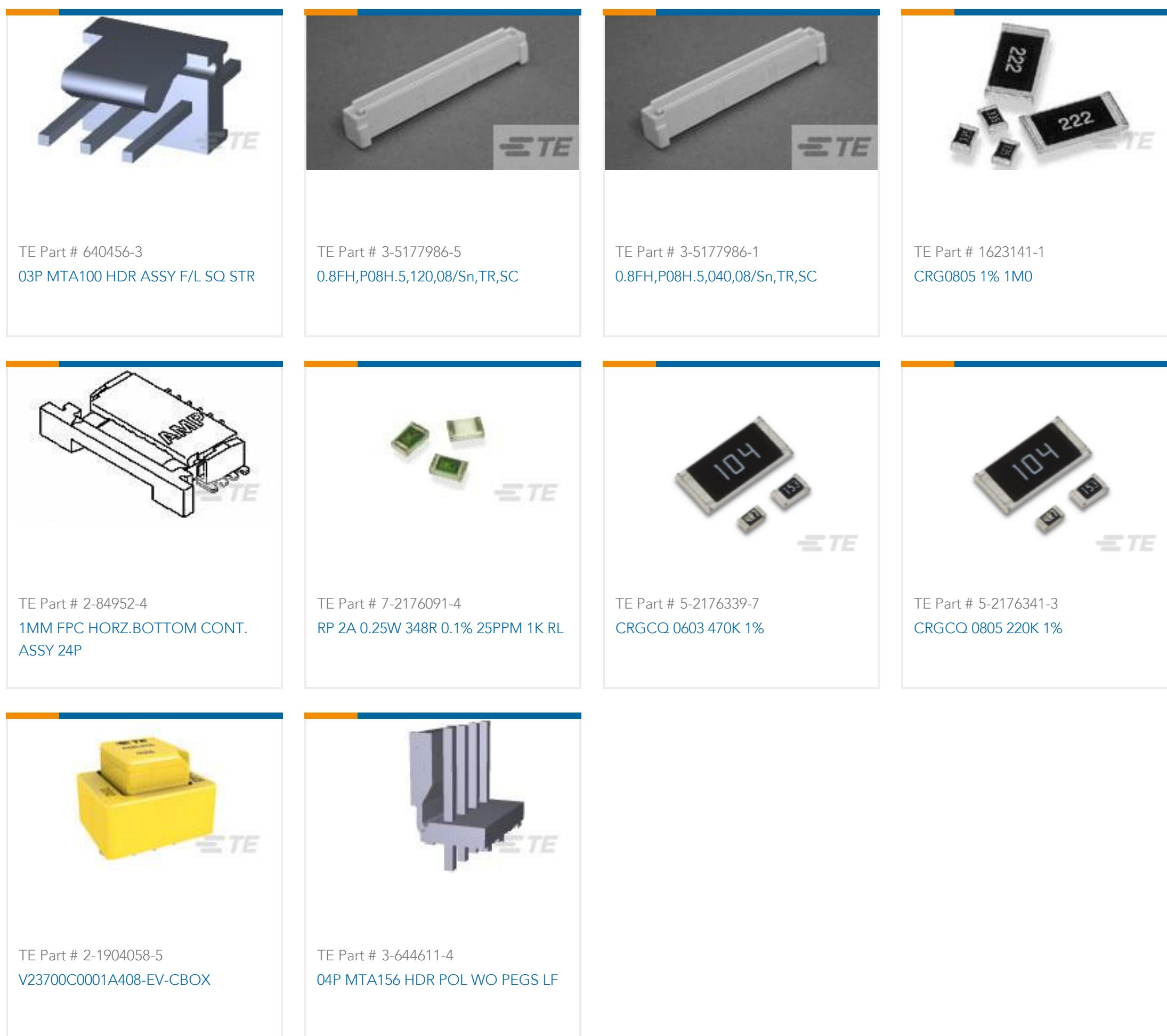
Product Compliance Disclaimer

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



Customers Also Bought



Documents

CAD Files

Customer View Model

[ENG_CVM_CVM_2-84952-8_A.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-84952-8_A.3d_igs.zip](#)

English

Customer View Model[ENG_CVM_CVM_2-84952-8_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.**Datasheets & Catalog Pages**[1-1773959-7-FPC-Connectors-CN](#)**FPC Connector Family**

English

[5-1773461-0_Standard_FPC_Connector_Quick_Reference_Guide](#)

English

Product Specifications**Product Specification**

English

Agency Approvals**UL Report**

English