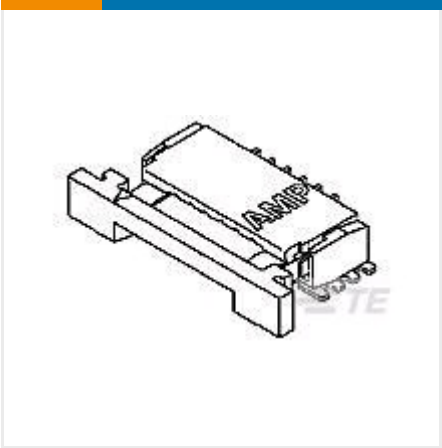




+ CONNECTORS

FPC CONNECTORS



✓ Active

TE CONNECTIVITY (TE)
004 1MM FPC BTM HORZ

FPC | FPC

487952-4
TE Internal Number: 487952-4

Not EU RoHS Compliant
Not EU ELV Compliant

Connector System Flex-to-Board

Number of Positions 4

Centerline (Pitch) 1 mm [.039 in]

Insertion Force ZIF

PCB Mounting Orientation Right Angle

↓ **PRODUCT DRAWING**
English

↓ **3D PDF**

DOCUMENTATION

Product Drawings

1mm FPC CONNECTOR,HORIZONTAL SURFACE-MOUNT, BOTTOM CONTACT

PDF (TIFF AVAILABLE)

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

3D PDF

PDF

English

Catalog Pages/Data Sheets

FPC Connector Family

PDF

English

Product Specifications

Application Specification

1mm Flexible Printed Circuit (FPC) Connectors

PDF

English

Product Specification

Connector, FPC, 1 Mm

PDF

English

Qualification Test Report

QUALIFICATION TEST REPORT, CONNECTOR, FPC, 1MM

TIF

English

QUALIFICATION TEST REPORT, CONNECTOR, FPC, 1MM

PDF

English

FEATURES



Please review product documents or [contact us](#) for the latest agency approval information.

Please Note: Use the Product Drawing for all design activity.

Product Type Features

Shrouded Yes

Connector System Flex-to-Board

Insertion Force ZIF

PCB Mounting Orientation Right Angle

Actuator Type Stuffer

Sealable No

Connector & Contact Terminates To Flexible Printed Circuit (FPC)

Shielded No

Product Type Connector

Series FPC

Wire/Cable Type FPC/FFC

Connector Style Receptacle

Connector Type Connector Assembly

Configuration Features

Number of Positions 4
Tail Orientation Inline
Number of Rows 1

Electrical Characteristics

Operating Voltage (VAC) 200

Contact Features

Contact Mating Location Bottom
Contact Mating Area Plating Material Tin-Lead
Contact Current Rating (Max) (A) 1
Contact Mating Area Plating Thickness .38 μm [15 μin]
Contact Base Material Phosphor Bronze
Contact Type Socket
Contact Transmits (Typical) Signal (Data)
Contact Termination Area Plating Thickness .381 μm [15 μin]
Contact Termination Area Plating Material Tin-Lead
Contact Design Single Beam

Termination Features

Termination Method to PC Board Surface Mount

Mechanical Attachment

PCB Mount Alignment Without
PCB Mount Retention With
Mating Alignment With

Housing Features

Centerline (Pitch) 1 mm [.039 in]
Housing Material LCP (Liquid Crystal Polymer)
Housing Color Natural

Dimensions

Height 2.56 mm [.1008 in]
Width 6.54 mm [.2575 in]
Flex Cable Thickness .3 mm [.012 in]
Length 11.92 mm [.4692 in]

Usage Conditions

Operating Temperature Range -40 – 85 °C [-40 – 185 °F]

Identification Marking

Circuit Identification Feature With

Packaging Features

Packaging Method Tape & Reel
Packaging Quantity 1500



Statement of Compliance

Statement of Compliance

PDF

