© 2017 TE Connectivity Ltd. family of companies. All Rights Reserved

CONNECTORS

FPC CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

.5 FPC VT ZIF Type-B 30 CONT

FPC | FPC

3-1734741-0
TE Internal Number: 3-1734741-0

EU RoHS Compliant
EU ELV Compliant

Connector System Flex-to-Board

Number of Positions 30

Centerline (Pitch) .5 mm [.0197 in]

Insertion Force ZIF

PCB Mounting Orientation Vertical

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

FPC/FFC CONN., 0.5 MM PITCH, ZIF, VERTICAL, SMT, TYPE B

PDF **(TIFF AVAILABLE)**

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

3D

Downloaded from Arrow.com.

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Environmental Compliance

TE Material Declaration

MD_3-1734741-0_05272014026_dmtec

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 Vertical
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 30
Tail Orientation Staggered Type B
Number of Rows 1

Electrical Characteristics

Operating Voltage (VAC) 50

Contact Features

Downloaded from Arrow.com.

Contact Mating Area Plating Material Gold
Contact Current Rating (Max) (A) .5
Contact Mating Area Plating Thickness .025 µm [120 µin]
Contact Base Material Phosphor Bronze
Contact Type Socket
Contact Transmits (Typical) Signal (Data)
Contact Termination Area Plating Material Gold
Contact Design Single Beam
Contact Termination Area Plating Thickness (µin) 120

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) .5 mm [.0197 in]
Housing Material PA 9T GF
Housing Color Black

Dimensions

Height 4.15 mm [.1633 in]
Width 3.8 mm [.1496 in]
Flex Cable Thickness .3 mm [.012 in]
Length 20.7 mm [.815 in]

Usage Conditions

Operating Temperature Range -20 – 85 °C [-4 – 185 °F]

Identification Marking

Circuit Identification Feature Without

Packaging Features

Packaging Method Tape
Packaging Quantity 1000

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF

Downloaded from Arrow.com.

Downloaded from Arrow.com.