+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

TE CONNECTIVITY (TE)

15 PLUG SP/FMS BRDLK

AMPLIMITE | FSM , SP

5750638-1
TE Internal Number: 5750638-1

EU RoHS Compliant with Exemptions
EU ELV Compliant with Exemptions

Connector Style Plug

Number of Positions 15

Centerline (Pitch) (mm) 2.74

Number of Rows 2

Shell Size 2

⬇ **PRODUCT DRAWING**
   English

⬇ **3D PDF**

DOCUMENTATION —

Product Drawings

PLUG ASSEMBLY, SIZE 2, 15 POSN, VERTICAL, RETENTION INSERTS, AMPLIMITE HD-20

PDF **(TIFF AVAILABLE)**

English

CAD Files

Customer View Model

2D_DXF.ZIP

English

3D PDF

PDF

3D

Customer View Model
3D_IGS.ZIP

English

Customer View Model
3D_STP.ZIP

English

Product Specifications

Application Specification

AMPLIMITE HD-20 Straight Solder Contact Tine, Front Metal Shell, PC Board And Panel Mount Connectors
PDF

English

Product Specification

AMPLIMITE HD-20 PCB Mounted Connector
PDF

English

Qualification Test Report

Connector, AMPLIMITE HD-20, Printed Circuit Board Mounted
PDF

English

Product Environmental Compliance

TE Material Declaration

MD_5750638-1_07072014935_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

Shell Type Front Metal Shell
Connector Style Plug
Shell Size 2
Profile Standard
PCB Mounting Orientation Vertical
Sealable No
Connector & Contact Terminates To Printed Circuit Board
Product Type Connector
Grounding Straps Without
Grounded Yes
Grounding Indents With

Configuration Features

Number of Positions 15
Number of Rows 2
Preloaded Yes

Body Features

Insert Material Brass
Post Size .66 mm [.026 in]
Shell Material Carbon Steel
Plastic No
Shell Plating Material Tin

Contact Features

Solder Tail Contact Plating Material Tin over Nickel
Contact Shape Round
Contact Mating Area Plating Material Gold Flash over Palladium Nickel, Gold
Contact Mating Area Plating Thickness (μin) 30
Contact Base Material Brass
Solder Tail Contact Plating Finish Bright

Termination Features

Grounding Clips Without
Termination Post Length 3.18 mm [.125 in]

Mechanical Attachment

Panel Mount Feature Without
PCB Mounting Style Through Hole
PCB Mount Retention With
PCB Mount Retention Type 4-40 Retention Insert
Mating Connector Lock Without
Mounting Hole Diameter 3.07 mm [.121 in]

Housing Features

Centerline (Pitch) (mm) 2.74
Housing Color Black
Housing Material Polyester

Dimensions

PCB Thickness (Recommended) 1.57 mm [.062 in]

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 13
Packaging Method Tube

Other

Comment Plugs are preloaded with size 20 DF posted pin contacts

PRODUCT COMPLIANCE +

Statement of Compliance

PDF