+ CONNECTORS

PCB D-SUB CONNECTORS

✔ Active

TE CONNECTIVITY (TE)

09 RCPT SP/MS STD

AMPLIMITE | SP

5205734-1
TE Internal Number: 5205734-1

EU RoHS Compliant
EU ELV Compliant

Connector Style Receptacle

Number of Positions 9

Centerline (Pitch) (in) .108

Number of Rows 2

Shell Size 1

⬇ **PRODUCT DRAWING**
English

⬇ **3D PDF**

DOCUMENTATION —

Product Drawings

RECEPTACLE ASSEMBLY, SIZE 1, 9 POSN, VERTICAL, AMPLIMITE HDP
PDF
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

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

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 Full Metal Shell
Connector Style Receptacle
Shell Size 1
Profile Standard
PCB Mounting Orientation Vertical
Sealable No
Connector & Contact Terminates To Printed Circuit Board
Product Type Connector
Grounding Indents Without
Grounding Straps Without

Configuration Features

Number of Positions 9
Number of Rows 2
Preloaded Yes

Body Features

Insert Material Polyamide, GV
Post Size .64 mm [.025 in]
Shell Plating Material Zinc
Shell Material Steel
Plastic No

Contact Features

Solder Tail Contact Plating Material Tin
Contact Shape Square
Contact Mating Area Plating Thickness (μin) 30
Contact Base Material Phosphor Bronze
Contact Mating Area Plating Material Gold Flash over Palladium Nickel, Gold

Termination Features

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

Mechanical Attachment

Panel Mount Retention Without
PCB Mounting Style Through Hole
PCB Mount Retention Without
Mating Connector Lock Without
Mounting Hole Diameter (in) .12

Housing Features

Centerline (Pitch) (in) .108
Housing Color Black
Housing Material Glass-Filled Nylon, Glass-Filled PBT

Dimensions

PCB Thickness (Recommended) (mm) 1.57, 2.36
PCB Thickness (Recommended) (in) .062, .093

Industry Standards

UL Flammability Rating UL 94V-0
Insert Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 17
Packaging Method Tube

PRODUCT COMPLIANCE   +

Statement of Compliance

Statement of Compliance
PDF