



+ CONNECTORS

PCB D-SUB CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

50 PLUG RA/MS STD

AMPLIMITE | Metal Shell

205869-1

TE Internal Number: 205869-1

Not EU RoHS Compliant

Not Yet Reviewed for EU ELV

Connector Style Plug

Number of Positions 50

Centerline (Pitch) (in) .109

Number of Rows 3

Shell Size 5

[↓](#) **PRODUCT DRAWING**
English

[↓](#) **3D PDF**

DOCUMENTATION

Product Drawings

PLUG ASSEMBLY, SIZE 5, 50 POSITION, RIGHT ANGLE, .545 SERIES, .025 SQ. POSTS, AMPLIMITE HDP

PDF

English

CAD Files

3D PDF

PDF

3D

Customer View Model

2D_DXF.ZIP

English

Customer View Model

3D_IGS.ZIP

English

Customer View Model

3D_STP.ZIP

English

Product Specifications

Application Specification

AMPLIMITE HD-20 Series 454 And 545 Right-Angle Rear Load Metal Shell

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 5

Profile Standard

PCB Mounting Orientation Right Angle

Sealable No

Connector & Contact Terminates To Printed Circuit Board

Product Type Connector

Footprint 13.84 mm [.545 in]

Grounding Straps Without

Grounded No

Grounding Indents Without

Shielded No

Configuration Features

Number of Positions 50

Number of Rows 3

Preloaded Yes

Body Features

Post Size .64 mm [.025 in]

Shell Material Carbon Steel

Plastic No

Shell Plating Material Zinc

Color Black

Contact Features

Solder Tail Contact Plating Material Tin-Lead over Nickel

Contact Shape Square

Contact Mating Area Plating Material Gold Flash

Contact Base Material Brass

Termination Features

Grounding Clips Without

Termination Post Length 3.18 mm [.125 in]

Mechanical Attachment

Panel Mount Feature Without

PCB Mount Alignment With

PCB Mounting Style Through Hole

PCB Mount Retention With

PCB Mount Retention Type Mounting Holes

Mating Connector Lock Without

Mounting Hole Diameter 3.05 mm [.12 in]

Housing Features

Centerline (Pitch) (in) .109

Housing Material Nylon GF, PBT GF

Dimensions

PCB Thickness (Recommended) 1.58 mm [.062 in]

Industry Standards

Approved Standards UL E28476

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 7

Packaging Method Tube

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
