



CONNECTORS

STANDARD EDGE CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

16X3P FEDERLEIS 2,5

RAST | RAST 2.5 IDC Connectors

1-966194-3

TE Internal Number: 1-966194-3

EU RoHS Compliant

EU ELV Compliant

Connector System Wire-to-Board

Number of Positions 3

Centerline (Pitch) 2.5 mm [.098 in]

Termination Method to Wire/Cable Insulation Displacement Crimp (IDC)

Product Type Connector

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

AMP DUOPLUG 2.5 FEMALE CONNECTOR 3-20 POSITION, DGB II

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

Catalog Pages/Data Sheets

1654742_HOUSEHOLD_APPLIANCES_RAST5

PDF

English

Agency Approvals

Agency Approval Document

DuoPlug 2.5 Connector REPORT

PDF

English

VDE Approval For AMP DUOPLUG 2.5

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

Connector System Wire-to-Board

Product Type Connector

Connector Style Receptacle

PCB Mounting Orientation Right Angle

Connector & Contact Terminates To Printed Circuit Board

Connector Type Connector Assembly

Wire/Cable Type Stranded

Configuration Features

Number of Positions 3

Number of Rows 1

Selectively Loaded No

Number of Power Positions 3

Preloaded Yes

Number of Insulation Displacement Slots 3

Card Entry Style Side

Standoffs Without

Pre-Assembled Yes

Electrical Characteristics

Hot Pluggable No

Operating Voltage 63 V

Body Features

Color Natural

Cable Exit Angle 90°

Contact Features

Contact Current Rating (Max) (A) 2

Contact Mating Area Plating Material Pre-Tin

Contact Mating Area Plating Thickness (µm) 5 – 12

Contact Type Socket

Contact Base Material Phosphor Bronze

Termination Features

Termination Method to Wire/Cable Insulation Displacement Crimp (IDC)

Mechanical Attachment

Panel Mount Feature Without

PCB Mount Alignment Without

Contact Retention Without

Mating Retention Without

Mating Alignment Type Keyed

Mating Alignment With

Housing Features

Centerline (Pitch) 2.5 mm [.098 in]

Housing Color Natural

Housing Material PBTP

End Caps Without

Housing Style Closed End

Dimensions

PCB Thickness (Recommended) 1.5 mm [.059 in]

Wire/Cable Size 22 AWG [.35 mm²]

Height 7.35 mm [.29 in]

Accepts Wire Insulation Diameter Range 1.3 mm [.051 in]

Card Slot Depth 5 mm [.2 in]

Wire Insulation Diameter 1.3 mm [.051 in]

Usage Conditions

Operating Temperature Range (°C) -40 – 110

Operation/Application

For Use With PCB Frame, Tab Header

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Quantity 4480

Packaging Method Carton

PRODUCT COMPLIANCE



Statement of Compliance

Statement of Compliance

PDF
