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CONNECTORS

IDC D-SUB CONNECTORS



✔ Active

TE CONNECTIVITY (TE)

KIT SZ 1, HDE PLUG, LEAD FREE

AMPLIMITE | HDE (IDC) Insulation

749810-9
TE Internal Number: 749810-9

EU RoHS Compliant
EU ELV Compliant

Connector Style Plug
Solid Wire Range (AWG) 26 – 22
Shielded Yes
Number of Positions 25
Centerline (Pitch) 2.77 mm [.109 in]

PRODUCT DRAWING
English

3D PDF

DOCUMENTATION

Product Drawings

PLUG KIT, SIZE 3, 25 POS, METAL SHELL, UNASSEMBLED, AMPLIMITE HDE-20
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 HDE-20 IDC Connectors

PDF

English

Product Specification

AMPLIMITE Shielded Cable Clamp Assemblies And Accessories

PDF

English

AMPLIMITE HDE-20 Insulation Displacement Connector

PDF

English

Qualification Test Report

Shielded Cable Clamp Assemblies

PDF

English

AMPLIMITE HDE-20 Insulation Displacement Connector

PDF

English

AMPLIMITE HDE-20 Insulation Displacement Connector

TIF

English

Instruction Sheets

Instruction Sheet (U.S.)

AMPLIMITE High Den. (HDE-20) Insulation Displacement Metal Shell Conn.

PDF

English

AMPLIMITE Connector HD-20 Shielded Cable Clamp Kits

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 Plug
Shielded Yes
Shell Size 3
Wire/Cable Type Round Jacketed Cable
Grade Standard
Grommets With
Product Type Connector
Cable Support Gate Material Polypropylene
Grounding Indents With
Thread Size 4-40

Configuration Features

Number of Positions 25
Number of Rows 2
Preloaded Yes

Body Features

Cable Clamp Type One-Piece Quick Snap
Shell Material Steel
Shell Plating Material Tin over Copper
Retainer Clip Material Stainless Steel
Cable Exit Angle 180°
Body Material Polypropylene
Strain Relief Clip Material Stainless Steel

Contact Features

Solder Tail Contact Plating Material Tin
Contact Size 20
Contact Type Pin
Contact Base Material Brass, Phosphor Bronze
Contact Mating Area Plating Material Gold Flash

Termination Features

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

Mechanical Attachment

Mating Connector Lock Type Mounting Holes
Mating Connector Lock With
Screws and Retainer Clips With
Screw Plating Material Zinc
Screw Material Steel
Mounting Screw Material Steel
Mounting Angle Straight
Mounting Screw Plating Material Zinc
PCB Mount Retention Type None

Housing Features

Enclosure With
Centerline (Pitch) 2.77 mm [.109 in]
Housing Color Black
Housing Material Nylon GF, Polyester GF

Dimensions

Cable Insulation Diameter 6.48 – 11.94 mm [.255 – .47 in]
Solid Wire Range (AWG) 26 – 22
Wire Range .15 – .4 mm² [26 – 22 AWG]

Industry Standards

UL Flammability Rating UL 94V-0

Packaging Features

Packaging Method Package
Packaging Quantity 1

PRODUCT COMPLIANCE

Statement of Compliance

Statement of Compliance
PDF