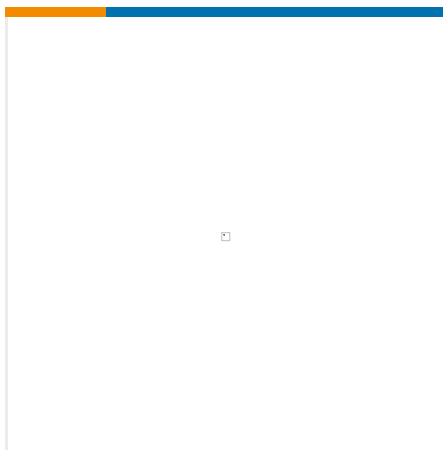




CONNECTORS

AUTOMOTIVE HIGH SPEED DATA CONNECTORS



✓ Active

TE CONNECTIVITY (TE)

5-PORT, MATENET, HDR, 90DEG, COD Z

MATEnet

9-2305390-9

TE Internal Number: 9-2305390-9

Not Yet Reviewed for EU RoHS

Not Yet Reviewed for EU ELV

Connector Style Housing for Male Terminals

Ferrule Without

Mating Tab Width .4 mm [.016 in]

Mating Tab Thickness .5 mm [.02 in]

Keying Z

[↓ PRODUCT DRAWING](#)
English

[↓ 3D PDF](#)

DOCUMENTATION

Product Drawings

5 PORT HEADER ASSY 5 PORT HEADER ASSY

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

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 Style Housing for Male Terminals

Connector System Board-to-Board

Connector Type Header

Hybrid Connector No

Sealable No

Shielded Yes

Connector & Contact Terminates To Printed Circuit Board

Dielectric Material PA GF

Configuration Features

Keying Z

Number of Positions 10

Fiber Optic Transceiver Without

Snap-Lock Without

Electrical Characteristics

Impedance (Ω) 100

Signal Characteristics

Operating Frequency Range (MHz) 0 – 600

Body Features

Ferrule Without

Body Material PA GF

Contact Features

Mating Tab Width .4 mm [.016 in]

Mating Tab Thickness .5 mm [.02 in]

Contact Type Socket

Contact Transmits (Typical) Signal

Termination Features

Termination Method Solder

Mechanical Attachment

Mounting Angle Horizontal / 90°

PCB Mount Retention Without

Mating Retention Without

Mating Alignment With

Housing Features

Centerline (Pitch) 1.8 mm [.071 in]

Housing Color Blue

Dimensions

Width 51.8 mm [2.04 in]

Length 21.1 mm [.83 in]

Height 13.5 mm [.53 in]

Usage Conditions

Operating Temperature Range (°C) -40 – 105, -40 – 119

Operating Temperature Range (°F) -40 – 221

Operation/Application

Circuit Application Signal

Packaging Features

Packaging Method Bag/Box

Other

PCB Leg Plating Material Copper Alloy

Statement of Compliance

Statement of Compliance

PDF