

# 2-PORT MATENET HDR ASSY 90DEG, COD Z



✓ ACTIVE

MATEnet

TE Part # **9-2305987-9**

TE Internal #: **9-2305987-9**

Mating Tab Width : **.4 mm [ .016 in ]**

Mating Tab Thickness : **.5 mm [ .02 in ]**

Keying : **Z**

Connector System : **Board-to-Board**

Number of Positions : **4**

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#### DOCUMENTS

#### FEATURES

#### PRODUCT COMPLIANCE

Product Drawings [2-PORT MATENET HDR ASSY 90DEG, COD Z](#)  
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CAD Files [3D PDF](#)  
[3D\\_CVM\\_CVM\\_9-2305987-9\\_A.pdf](#) 3D  
 Customer View Model  
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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  
 Hybrid Connector : **No**  
 Connector System : **Board-to-Board**  
 Sealable : **No**  
 Connector & Contact Terminates To :  
**Printed Circuit Board**



Configuration Features

Keying : **Z**  
Number of Positions : **4**

Electrical Characteristics

Impedance ( $\Omega$ ): **100**

Signal Characteristics

Operating Frequency Range (MHz):  
**0 – 600**

Body Features

Body Material : **PA GF**

Contact Features

Mating Tab Width : **.4 mm [ .016 in ]**  
Mating Tab Thickness : **.5 mm [ .02 in ]**  
Contact Type : **Socket**

Mechanical Attachment

PCB Mount Retention : **Without**  
Mounting Angle : **Horizontal / 90°**  
Mating Retention : **Without**

Housing Features

Housing Color : **Blue**  
Centerline (Pitch) : **1.8 mm [ .071 in ]**

Dimensions

Width : **25.55 mm [ 1.006 in ]**  
Height : **13.5 mm [ .53 in ]**  
Length : **21.1 mm [ .83 in ]**

Usage Conditions

Operating Temperature (Max) (°C):  
**65, 70, 75, 80, 85, 90, 100, 105**  
Operating Temperature (Max) (°F):  
**149, 158, 167, 176, 185, 194, 212, 221**  
Operating Temperature Range :  
**-40 – 105 °C [ -40 – 221 °F ]**

Operation/Application Shielded : **Yes**

Circuit Application : **Signal**

Other

Dielectric Material : **PA GF**  
PCB Leg Plating Material : **Copper Alloy**

## Compatible Parts



**TE Part #** 8-2307961-9  
**2-PORT MATENET FRAME, STP, COD Z**

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**TE Part #** 9-2305974-9  
**2-PORT MATENET FRAME, UTP, COD Z**

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