

#### **MATEnet**

TE Internal #: 2404815-2

Cable-to-Board, Sealable, Shielded, Right Angle, 4 Position, Board

Mount, B Code, 5 mm [.197 in] Centerline, Signal, Data

Connectivity Headers

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Connector System: Cable-to-Board

Sealable: **Yes**Shielded: **Yes** 

PCB Mount Orientation: Right Angle

Number of Positions: 4

## **Features**

## **Product Type Features**

Connector & Contact Terminates To	Printed Circuit Board
Mixed & Hybrid Connector	No
Connector System	Cable-to-Board
Sealable	Yes
Configuration Features	
Number of Rows	2
PCB Mount Orientation	Right Angle
Number of Positions	4
Electrical Characteristics	
Operating Voltage	60 VDC
Impedance	50 Ω

PA GF

В

**Body Features** 

Body Material

Connector & Keying Code



### **Contact Features**

Outer Contact Plating Material	Tin (Sn)
RF Connector Center Contact Plating Material	Silver (Ag)
Contact Mating Area Plating Material	Silver (Ag)
Center Contact	With
Contact Type	Pin
Mating Pin Diameter	.4 mm[.016 in]
Contact Current Rating (Max)	3 A

### **Termination Features**

### Mechanical Attachment

Connector Mounting Type	Board Mount
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# **Housing Features**

Housing Color	White
Centerline (Pitch)	5 mm[.197 in]

### **Dimensions**

Product Width	27 mm[1.063 in]
Product Length	27 mm[1.06 in]
Connector Height	20.7 mm[.817 in]

# **Usage Conditions**

Operating Temperature (Max)	105 °C[221 °F]
Operating Temperature Range	-40 - 105 °C[-40 - 221 °F]

# Operation/Application

Operating Frequency Range	0 – 6 GHz
Solder Process	Reflow Solder Capable
Assembly Process Feature	Carrier Tape
Shielded	Yes
Circuit Application	Signal

# **Industry Standards**

IP Rating	IPX9K
Compatible With Agency/Standards Products	LV214



### **Packaging Features**

Packaging Quantity	70	
Packaging Method	Reel	
Other		
Dielectric Material	PA GF	

## **Product Compliance**

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not reviewed for solder process capability

#### Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: https://echa.europa.eu/guidance-documents/guidance-on-reach

# Compatible Parts

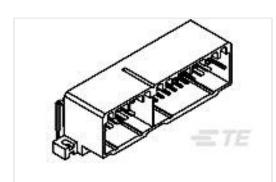




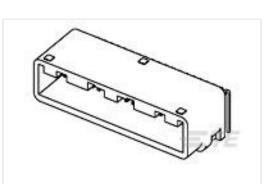
TE Part # 2-2354439-2 4P,MATE-AX,SOC HSG ASSY,SLD, 180DEG,CPA,B



# Customers Also Bought



TE Part #173864-1 070 MLC 24P CAP ASSY NATURAL



TE Part #1318384-4 025 40POS CAP ASSY H TIN



TE Part #2351577-2 2X3 PORT,MATENET,HDR ASSY,COD B,SEALED



TE Part #2397322-1 GEMnet,HRD,4P 90deg ,Sealed,COD A



TE Part #2397322-3
GEMnet,HRD,4P 90deg ,Sealed,COD
C



TE Part #2404815-1 1X4 COMBO,MATE-AX,HDR ASSY, SEALED,COD A



TE Part #2404815-9 1X4 COMBO,MATE-AX,HDR ASSY, SEALED,COD Z



TE Part #2005268-2 ECU 40P HDR ASSY-EXP

TE Part #2452885-1
2POS,HYBRID,HDR ASSY,180DEG,

TE Part #3-2840625-1 2POS,HC-STAK 25,HDR INNER HSG ASSY,BXDU

# **Documents**

## **Product Drawings**

1X4 COMBO, MATE-AX, HDR ASSY, SEALED, COD B

English

## **CAD Files**

Customer View Model ENG\_CVM\_CVM\_2404815-2\_C.3d\_stp.zip

English

**Customer View Model** 



ENG\_CVM\_CVM\_2404815-2\_C.2d\_dxf.zip

English

**Customer View Model** 

ENG\_CVM\_CVM\_2404815-2\_C.3d\_igs.zip

English

3D PDF

3D

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

**Product Specifications** 

**Application Specification** 

English