

MATE-AX

TE Internal #: 2306498-2

Cable-to-Cable, 180° Cable Exit, 2 Position, B Code, Housing for Male Terminals, 4 mm [.157 in] Centerline, Crimp, Data Connectivity Housings

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Automotive Parts > Automotive Connectors > Data Connectivity Housings



Connector System: **Cable-to-Cable**

Sealable: **No**

Cable Exit Angle: **180°**

Number of Positions: **2**

Connector & Keying Code: **B**

Features

Product Type Features

Primary Locking Feature	On the Terminal
Connector & Contact Terminates To	Wire & Cable
Mixed & Hybrid Connector	No
Connector System	Cable-to-Cable
Sealable	No
Connector & Housing Type	Housing for Male Terminals

Configuration Features

Number of Rows	1
Number of Positions	2

Body Features

Body Material	PA66 GF30
Cable Exit Angle	180°
Connector & Keying Code	B

Contact Features



Mating Pin Diameter	.4 mm[.016 in]
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Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Color	White
Centerline (Pitch)	4 mm[.157 in]

Dimensions

Product Width	25.7 mm[1.012 in]
Product Length	12 mm[.472 in]
Connector Height	10.75 mm[.423 in]

Usage Conditions

Operating Temperature (Max)	65 °C, 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C[221 °F]
Cable Type	RTK 031
Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]

Operation/Application

Shielded	No
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Other

Connector Position Assurance Capable	No
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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: JAN 2025 (247) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.



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 # 2298123-1 MATE-AX, Pin outer contact, RTK 031	 TE Part # 2318197-1 MATE-AX,RF-ADAPTER,2P SOC,RPC 3.50 SOC	 TE Part # 2-2306868-2 2POS,MATE-AX,PIN HSG ASSY,SLD, COD B,180	 TE Part # 2298126-1 MATE-AX, Crimp Ferrule, RTK 031
 TE Part # 2298125-1 MATE-AX, Pin center contact, RTK 031	 TE Part # 2298508-1 MATE-AX, Pin center contact, RG 174	 TE Part # 2306868-2 2P,MATE-AX,SOC HSG ASSY,COD B	 TE Part # 2298509-1 MATE-AX, Crimp Ferrule, RG 174
 TE Part # 2298506-1 MATE-AX, Pin outer contact, RG 174			

Customers Also Bought



TE Part #1438889-1  
JACK SUBASSEMBLY, RG-62, RG-62U /M, 18



TE Part #1438896-4  
SOCKET CONTACT, PLUG, 180 DEGREE, SMB



TE Part #4-1633588-7  
CRIMPER, WIRE 'F' (.057")



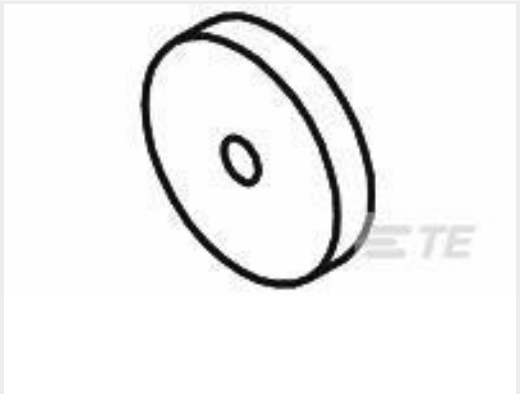
TE Part #1-1633730-7  
CRIMPER, WIRE F .042 F



TE Part #1633733-4  
ANVIL, WIRE



TE Part #1823954-1  
FAKRA II, PLUG



TE Part #1274233-1  
SPACER, RG62U, MODIFIED



TE Part #1-1924792-0  
PLUG KIT, UNASSEM, 1 POS, RG-316 OR RG-1



TE Part #2035141-3  
PLUG KIT, 90 Deg, RG-316 or -174, Fakra



TE Part #1-2035141-0  
PLUG KIT, 90 Deg, RG-316 or -174, Fakra

Documents

Product Drawings

2 P, MATE-AX,PIN HSG, COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG\_CVM\_CVM\_2306498-2\_A.2d\_dxf.zip

English

Customer View Model

ENG\_CVM\_CVM\_2306498-2\_A.3d\_igs.zip

English

Customer View Model

ENG\_CVM\_CVM\_2306498-2\_A.3d\_stp.zip

English

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Product Specifications



Application Specification

English