

2-2298721-1 ✓ ACTIVE

MATE-AX

TE Internal #: 2-2298721-1

Cable-to-Cable, 180° Cable Exit, 4 Position, A Code, Housing for Female 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: **4**

Connector & Keying Code: **A**

Features

Product Type Features

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

Configuration Features

Snap-Lock	With
Number of Rows	2
Number of Positions	4

Electrical Characteristics

Operating Voltage	60 VDC
Impedance	50 Ω

Body Features

Body Material	PA66 GF30
Cable Exit Type	Straight
Cable Exit Angle	180°
Connector & Keying Code	A

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	Socket
Mating Pin Diameter	.4 mm [.016 in]
Contact Current Rating (Max)	3 A

Termination Features

Termination Method to Wire & Cable	Crimp
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Mechanical Attachment

Mating Retention	Without
Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

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

Dimensions

Product Width	11.1 mm [.43 in]
Product Length	18.8 mm [.74 in]
Connector Height	14 mm [.55 in]

Usage Conditions

Operating Temperature (Max)	105 °C [221 °F]
Cable Type	Coaxial
Operating Temperature Range	-40 – 105 °C [-40 – 221 °F]

Operation/Application

Shielded	No
Circuit Application	Signal

Packaging Features

Packaging Quantity	2700
Packaging Method	Box

Other

Connector Position Assurance Capable	Yes
Dielectric Material	None

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	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 # 2-2362803-1
4P,MATE-AX,PIN HSG ASSY,COD A,
7MMCLIP

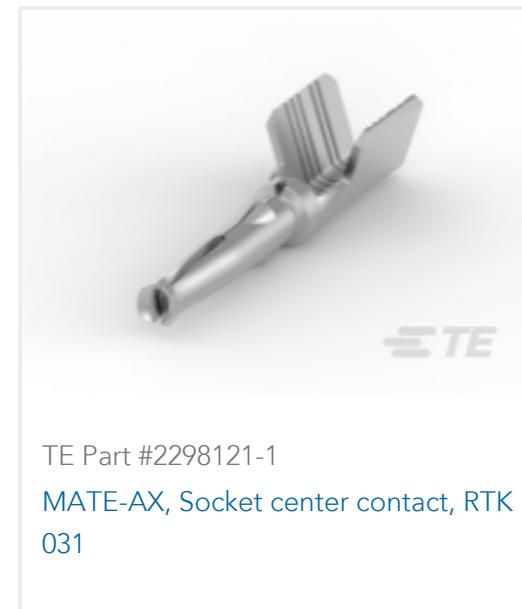
Customers Also Bought



TE Part #2289729-3
KIT, HOUSING, CPA, INLINE FEMALE,
FAKRA



TE Part #2298116-1
MATE-AX, Socket outer contact, RTK
031



TE Part #2298121-1
MATE-AX, Socket center contact, RTK
031



TE Part #2298126-2
MIXED SHIELD INNER FERRULE



TE Part #2298494-1
MATE-AX, Socket outer contact, RG
174



TE Part #2298496-1
MATE-AX, Socket center contact, RG
174



TE Part #2-2310137-1
1 P MATE-AX, SOC HSG W CPA, COD
A



TE Part #2-2310137-2
1 P MATE-AX, SOC HSG W CPA, COD
B



TE Part #2-2310137-4
1 P MATE-AX, SOC HSG W CPA, COD
D



TE Part #2338011-5
CU ALLOY,OUTER FERRULE,FAKRA
AUT,RTK031

Documents

Product Drawings

[4P,MATE-AX,SOC HSG ASSY,180DEG,COD A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2-2298721-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2298721-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-2298721-1_C.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English