

2-2306868-1 ✓ ACTIVE

TE Internal #: 2-2306868-1

Cable-to-Cable, 180° Cable Exit, 2 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: **2**

Connector & Keying Code: **A**

## Features

### Product Type Features

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

### Configuration Features

|                     |   |
|---------------------|---|
| Number of Rows      | 1 |
| Number of Positions | 2 |

### Body Features

|                         |       |
|-------------------------|-------|
| Body Material           | PA GF |
| Cable Exit Angle        | 180°  |
| Connector & Keying Code | A     |

### Contact Features

|                     |                 |
|---------------------|-----------------|
| Mating Pin Diameter | .4 mm [.015 in] |
|---------------------|-----------------|

### Termination Features

|                                    |       |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

### Mechanical Attachment

|                         |                            |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

### Housing Features

|               |           |
|---------------|-----------|
| Housing Color | Jet Black |
|---------------|-----------|

|                    |                |
|--------------------|----------------|
| Centerline (Pitch) | 4 mm [.157 in] |
|--------------------|----------------|

### Dimensions

|               |                  |
|---------------|------------------|
| Product Width | 12.2 mm [.48 in] |
|---------------|------------------|

|                |                  |
|----------------|------------------|
| Product Length | 18.8 mm [.74 in] |
|----------------|------------------|

|                  |                    |
|------------------|--------------------|
| Connector Height | 10.35 mm [.407 in] |
|------------------|--------------------|

### Usage Conditions

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

|            |         |
|------------|---------|
| Cable Type | RTK 031 |
|------------|---------|

|                             |                             |
|-----------------------------|-----------------------------|
| Operating Temperature Range | -40 – 105 °C [-40 – 221 °F] |
|-----------------------------|-----------------------------|

### Operation/Application

|          |    |
|----------|----|
| Shielded | No |
|----------|----|

### Packaging Features

|                  |     |
|------------------|-----|
| Packaging Method | Box |
|------------------|-----|

|                    |      |
|--------------------|------|
| Packaging Quantity | 2400 |
|--------------------|------|

### Other

|                                      |     |
|--------------------------------------|-----|
| Connector Position Assurance Capable | Yes |
|--------------------------------------|-----|

### Product Compliance

For compliance documentation, visit the product page on [TE.com](http://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<br>(247) |
|----------------------------------------|------------------------------------------------|

|                                                    |
|----------------------------------------------------|
| Candidate List Declared Against: JAN 2025<br>(247) |
|----------------------------------------------------|

|                             |
|-----------------------------|
| Does not contain REACH SVHC |
|-----------------------------|

## Halogen Content

BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources.

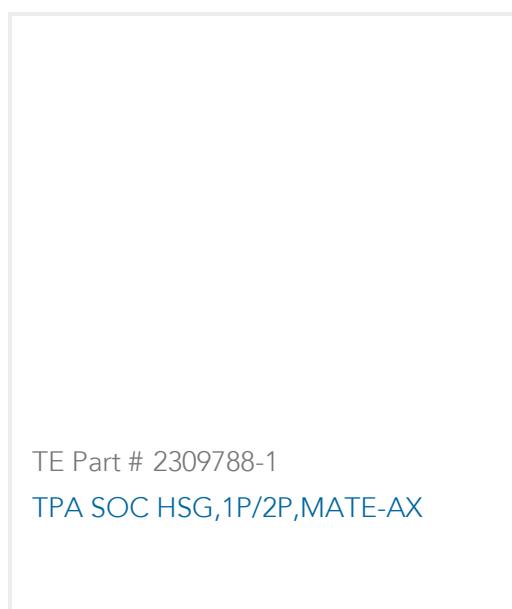
## Solder Process Capability

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 # 2309788-1  
TPA SOC HSG,1P/2P,MATE-AX



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



TE Part # 2298509-1  
MATE-AX, Crimp Ferrule, RG 174



TE Part # 2306498-1  
2 P, MATE-AX,PIN HSG, COD A



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



TE Part # 2298126-1  
MATE-AX, Crimp Ferrule, RTK 031



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



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

## Customers Also Bought



TE Part #5-928999-1  
MQS0,63 Sn rec LL unseal. >0,2-0,35



TE Part #1-929080-5  
2POS MQS REC COD A



TE Part #3-1462039-7  
IM07DGR=IM RELAY 200mW 24V



TE Part #8-1462039-3  
IM03DTS=IM RELAY 140mW 5V



TE Part #1462051-5  
HF3 57 = 50OHM 140MW 24V MONO



TE Part #2-2306868-2  
2POS,MATE-AX,PIN HSG ASSY,SLD,COD B,180



TE Part #1-2310138-9  
1P,MATE-AX,PIN HSG ASSY,180DEG,COD Z



TE Part #4-2310138-1  
1POS,MATE-AX,PIN HSG ASSY,COD A,CLIP7MM



TE Part #2343137-1  
1P,MATE-AX,SOC HSG ASSY,UNSLD,90DEG



TE Part #2298721-1  
4P,MATE-AX,SOC HSG ASSY,180DEG,COD A

## Documents

### Product Drawings

[2POS,MATE-AX,PIN HSG ASSY,SLD,COD A,180](#)

English

[2POS,MATE-AX,PIN HSG ASSY,SLD,COD A,180](#)

English

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### CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2306868-1\\_B.2d\\_dxf.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2306868-1\\_B.3d\\_igs.zip](#)

English

Customer View Model

[ENG\\_CVM\\_CVM\\_2-2306868-1\\_B.3d\\_stp.zip](#)

English

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### Product Specifications

[Application Specification](#)

English