



Generation 50

TE Internal #: 2272405-1

Housing for Female Terminals, Wire-to-Board / Wire-to-Device, 6 Position, .071 in [1.8 mm] Centerline, Black, Signal, Generation 50

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Connectors > Automotive Connectors > Connector Housings > MQS, CONNECTOR HOUSING



Connector & Housing Type: **Housing for Female Terminals**

Mating Tab Width: .5 mm [.02 in]

Connector System: **Wire-to-Board, Wire-to-Device**

Number of Positions: **6**

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

[All MQS, CONNECTOR HOUSING \(557\)](#)

Features

Product Type Features

| | |
|---------------------------|-------------------------------|
| Connector & Housing Shape | Rectangular |
| Connector & Housing Type | Housing for Female Terminals |
| Connector System | Wire-to-Board, Wire-to-Device |
| Sealable | No |
| Hybrid Connector | No |
| Primary Locking Feature | Integrated in Housing |

Configuration Features

| | |
|-----------------------|---|
| Blank Cavity Position | 0 |
| Number of Positions | 6 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|------------------------------|--------|
| Operating Voltage | 12 VDC |
| Nominal Voltage Architecture | 12 V |



Body Features

| | |
|-----------------------|--------|
| Cable Exit Angle | 180° |
| Body Material | PBT GF |
| Primary Product Color | Black |
| Connector Code | A |

Contact Features

| | |
|------------------|----------------|
| Contact Size | .5mm |
| Contact Type | Receptacle |
| Mating Tab Width | .5 mm [.02 in] |

Mechanical Attachment

| | |
|-----------------------------|----------------------------|
| Mounting Feature | Without |
| Terminal Position Assurance | Yes |
| Strain Relief | Add By Accessory |
| Mating Alignment Type | Keyed |
| Mating Alignment | With |
| Connector Mounting Type | Cable Mount (Free-Hanging) |

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 1.8 mm [.071 in] |
|--------------------|------------------|

Dimensions

| | |
|--------------------|--------------------|
| Product Width | 20.75 mm [.817 in] |
| Product Length | 15.2 mm [.598 in] |
| Product Height | 10.65 mm [.419 in] |
| Row-to-Row Spacing | 1.8 mm [.071 in] |

Usage Conditions

| | |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C [158 °F][167 °F][176 °F][185 °F][194 °F][212 °F] |
| Operating Temperature Range | -40 – 100 °C |

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

Industry Standards

| | |
|-----------------|---------|
| Agency/Standard | USCAR-2 |
|-----------------|---------|



Packaging Features

| | |
|------------------|-----------|
| Packaging Method | Bag & Box |
|------------------|-----------|

Other

| | |
|--------------------------------------|-----|
| Serviceable | Yes |
| Connector Position Assurance Capable | No |

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 2022 (224) Candidate List Declared Against: JAN 2022 (223) SVHC > Threshold: Not Yet Reviewed |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

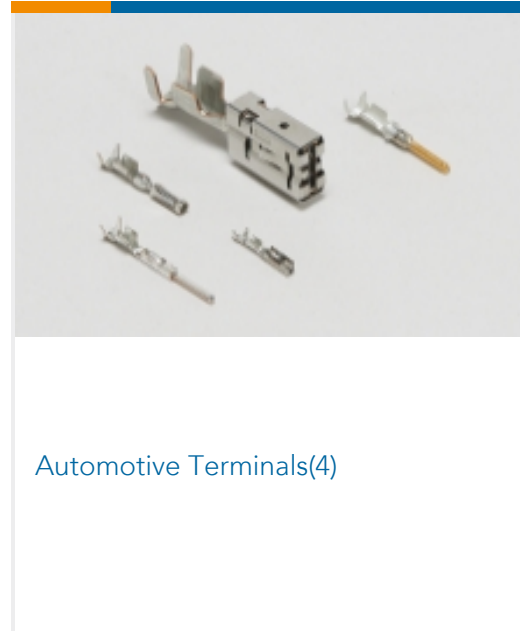
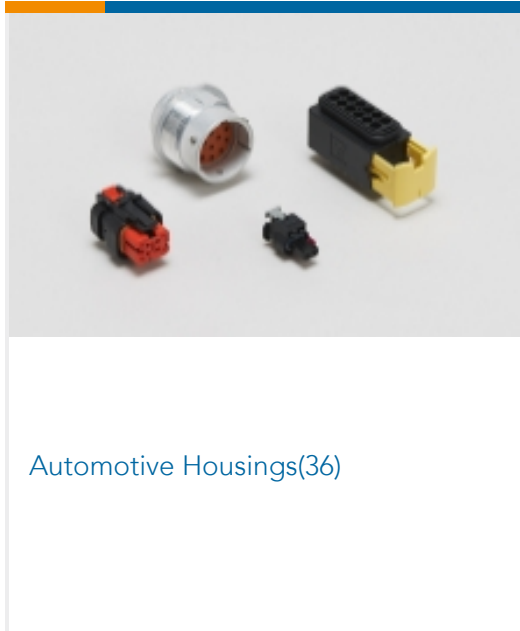
Product Compliance Disclaimer

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>

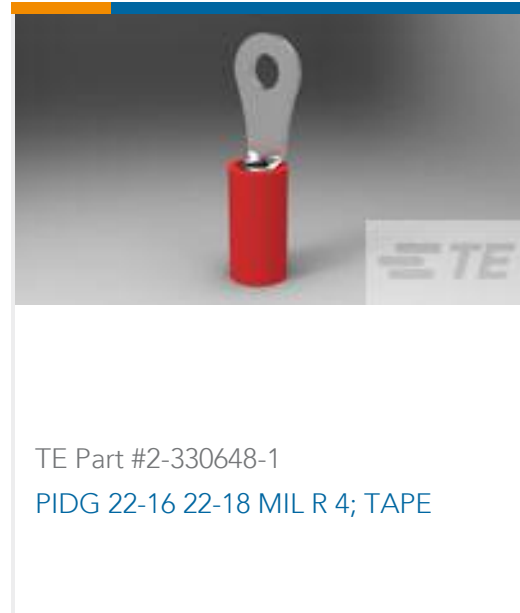
Compatible Parts



Also in the Series | Generation 50



Customers Also Bought





Documents

Product Drawings

[ASY,PLG,6P,1.8CL,UNSLD,GEN50 A,NO CPA](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2272405-1_A.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2272405-1_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2272405-1_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[Micro Quadlok Interconnection System \(MQS\)](#)

English

Instruction Sheets

[Instruction Sheet \(U.S.\)](#)

English