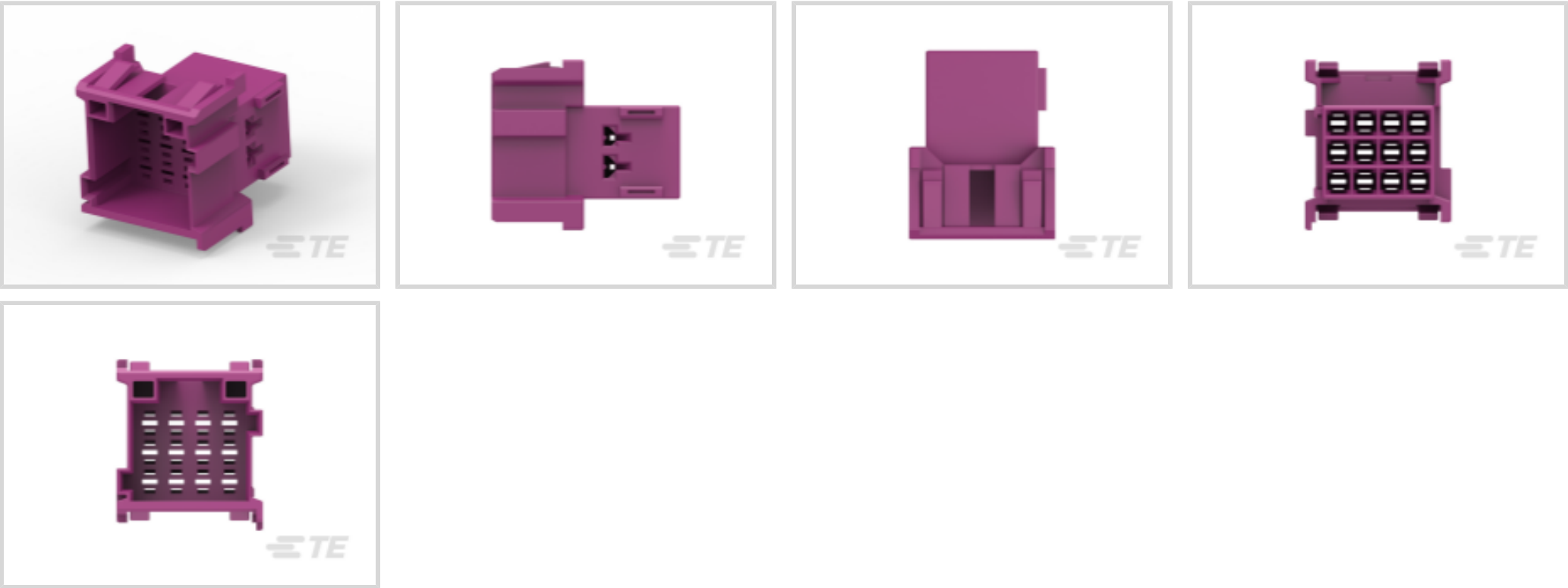




Connectors > Automotive Connectors > Connector Housings



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

Mating Tab Width: **2.8 mm [.11 in]**

Connector System: **Wire-to-Wire**

Number of Positions: **12**

Centerline (Pitch): **5 mm [.197 in]**

Features

Product Type Features

| | |
|--------------------------|----------------------------|
| Connector & Housing Type | Housing for Male Terminals |
| Connector System | Wire-to-Wire |
| Sealable | No |
| Hybrid Connector | No |
| Primary Locking Feature | On the Terminal |

Configuration Features

| | |
|---------------------|----|
| Number of Positions | 12 |
| Number of Rows | 3 |

Electrical Characteristics

| | |
|------------------------------|------------|
| Operating Voltage | 28 VDC |
| Nominal Voltage Architecture | 12 V, 24 V |

Body Features

| | |
|-----------------------|-------|
| Cable Exit Angle | 180° |
| Body Material | PA GF |
| Primary Product Color | Gray |



| | |
|----------------|---|
| Connector Code | A |
|----------------|---|

Contact Features

| | |
|------------------|----------------|
| Mating Tab Width | 2.8 mm[.11 in] |
|------------------|----------------|

Mechanical Attachment

| | |
|-----------------------------|-----------|
| Mounting Feature | Without |
| Terminal Position Assurance | No |
| Strain Relief | No |
| Mating Alignment Type | Polarized |

Housing Features

| | |
|--------------------|---------------|
| Centerline (Pitch) | 5 mm[.197 in] |
|--------------------|---------------|

Dimensions

| | |
|----------------|--------------------|
| Product Width | 35.45 mm[1.396 in] |
| Product Length | 27.5 mm[1.083 in] |
| Product Height | 30.6 mm[1.205 in] |

Usage Conditions

| | |
|-----------------------------|---|
| Operating Temperature (Max) | 70 °C, 75 °C, 80 °C, 85 °C, 90 °C, 100 °C, 105 °C, 110 °C, 120 °C[158 °F][167 °F][176 °F][185 °F][194 °F][212 °F][221 °F][230 °F][248 °F] |
| Operating Temperature Range | -40 – 120 °C[-40 – 248 °F] |

Operation/Application

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

Packaging Features

| | |
|------------------|-----|
| Packaging Method | Bag |
|------------------|-----|

Other

| | |
|--------------------------------------|----|
| Serviceable | No |
| 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: JAN 2022 (223) Candidate List Declared Against: JAN 2022 (223) Does not contain REACH SVHC |
| Halogen Content | BFR/CFR/PVC Free, but Br/Cl >900 ppm in other sources. |
| Solder Process Capability | Not applicable 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 # CAT-T4827-CH8172
TIMER, CONNECTOR HOUSING



TE Part # CAT-T4827-T273
TIMER, RECEPTACLE AND TAB



TE Part # 967632-1
2. KONT-SICHERUNG 12P

Customers Also Bought



TE Part #1-1718491-2
1.5/2.8MM TAB HSG 25 POS ASSY



TE Part #963121-1
TIMER, CONNECTOR HOUSING



TE Part #1-1718484-3
CARRIER FOR RECEPTACLE INSERTS



TE Part #929974-4
2,5MM SOCKET CONTACT SWS



Documents

Product Drawings

FLACHSTE-GEH2,8 12P

English

FLACHSTE-GEH2,8 12P

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-967627-6_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-967627-6_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-967627-6_D.3d_stp.zip

English

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

Product Specifications

Application Specification

English