

100284-1 ✓ ACTIVE

TE Internal #: 100284-1

Housing for Female Terminals, Wire-to-Wire, 2 Position, .315 in [8 mm] Centerline, Sealable, Black, Wire & Cable, Power, Cable Mount (Free-Hanging)

[View on TE.com >](#)



Connectors > Automotive Connectors > Connector Housings



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

Mating Pin Diameter: **4 mm [.157 in]**

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

Number of Positions: **2**

Centerline (Pitch): **8 mm [.315 in]**

Features

Product Type Features

Connector Shape	Circular
Connector & Housing Type	Housing for Female Terminals
Connector System	Wire-to-Wire
Sealable	Yes
Hybrid Connector	No
Primary Locking Feature	Locking Lance
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	2
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Electrical Characteristics

Nominal Voltage Architecture	12 V
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Body Features

Cable Exit Angle	180°
Body Material	PBT



Primary Product Color	Black
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Connector Code	Neutral
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Contact Features

Contact Size	4mm
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Contact Type	Socket
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Mating Pin Diameter	4 mm [.157 in]
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Contact Current Rating (Max)	24 A
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Mechanical Attachment

Mating Alignment Type	Polarized
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Mating Alignment	With
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Centerline (Pitch)	8 mm [.315 in]
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Usage Conditions

Operating Temperature (Max)	130 °C [266 °F]
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Operating Temperature Range	-40 – 130 °C [-40 – 266 °F]
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Operation/Application

Circuit Application	Power
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Packaging Features

Packaging Quantity	200
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Packaging Method	Box
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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
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JAN 2022 (223)
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Does not contain REACH SVHC

Halogen Content

Not Low Halogen - contains Br or Cl > 900 ppm.

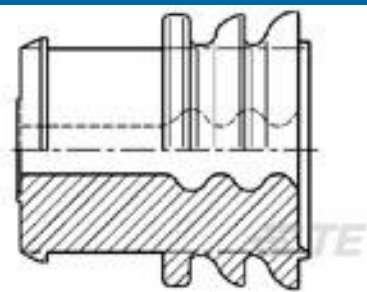
Solder Process Capability

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 # 963243-1
EINZELDRAHTDICHTUNG



TE Part # 963244-1
EINZELDRAHTDICHTUNG



TE Part # CAT-R7602-T273
ROUND CONNECTOR SYSTEM, PIN AND SOCKET

TE Part # 100292-1
ADAPTER 180 M24/M27

TE Part # 100293-1
SEALING RING M27

Documents

Product Drawings

2P.4MM SOCK.ASS.M27

English

CAD Files

3D PDF

English

Customer View Model



[ENG_CVM_100284-1_D.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_100284-1_D.3d_stp.zip](#)

English

Customer View Model

[ENG_CVM_100284-1_D.2d_dxf.zip](#)

English

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Datasheets & Catalog Pages

Econoseal Connector Series

English

Product Specifications

Product Specification

Econoseal EHM Connector, for 4 mm Socket Contacts (2,3 and 4 position)

English

Product Specification

English