

81665-1 ✓ ACTIVE

AMP | AMP Circular Plastic Connectors

TE Internal #: 81665-1

Flange Seal, -55 – 105 °C [-67 – 221 °F], Black, AMP Circular Plastic Connectors

[View on TE.com >](#)



Connectors > Connector Accessories > Connector Seals & Cavity Plugs



Connector Seal & Plug Type: **Flange Seal**

Operating Temperature Range: -55 – 105 °C [-67 – 221 °F]

Primary Product Color: **Black**

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

Features

Product Type Features

| | |
|----------------------------|-------------|
| Connector Seal & Plug Type | Flange Seal |
|----------------------------|-------------|

Body Features

| | |
|-----------------------|-------|
| Primary Product Color | Black |
|-----------------------|-------|

Usage Conditions

| | |
|-----------------------------|----------------------------|
| Operating Temperature Range | -55 – 105 °C[-67 – 221 °F] |
| Operating Temperature (Max) | 105 °C[221 °F] |

Packaging Features

| | |
|--------------------|------------|
| Packaging Method | Individual |
| Packaging Quantity | 1 |

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 | 有害物质含量符合标准要求 No Restricted |

| | |
|---|---|
| <p>EU REACH Regulation (EC) No. 1907/2006</p> | <p>Substance(s) Above Threshold</p> <p>Current ECHA Candidate List: JUNE 2025 (250)</p> <p>Candidate List Declared Against: JAN 2025 (247)</p> <p>Does not contain REACH SVHC</p> |
| <p>Halogen Content</p> | <p>Not Yet Reviewed for halogen content</p> |
| <p>Solder Process Capability</p> | <p>Not applicable for solder process capability</p> |

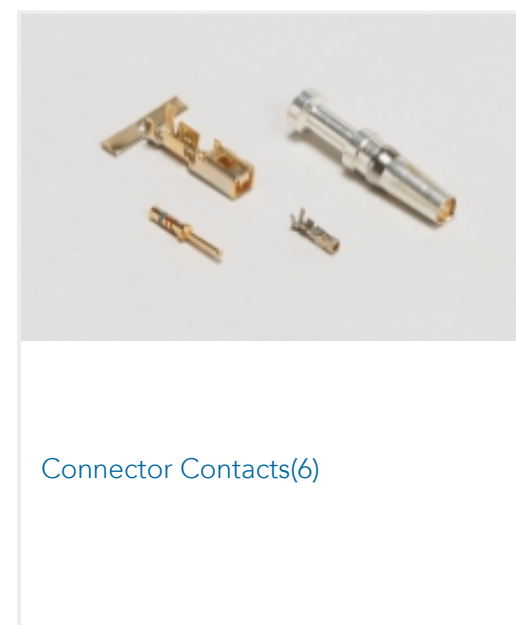
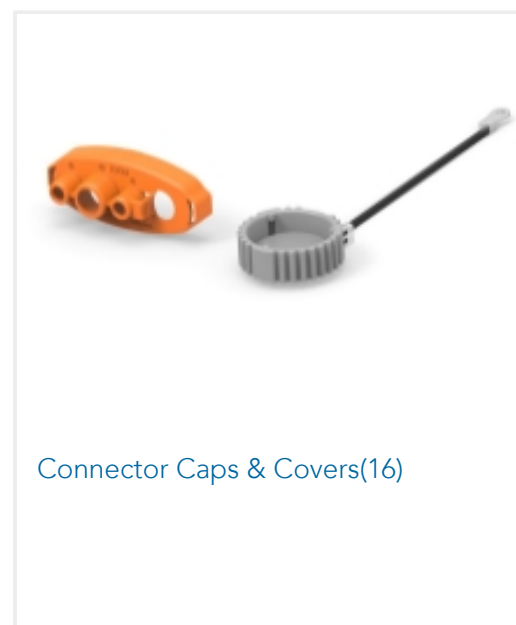
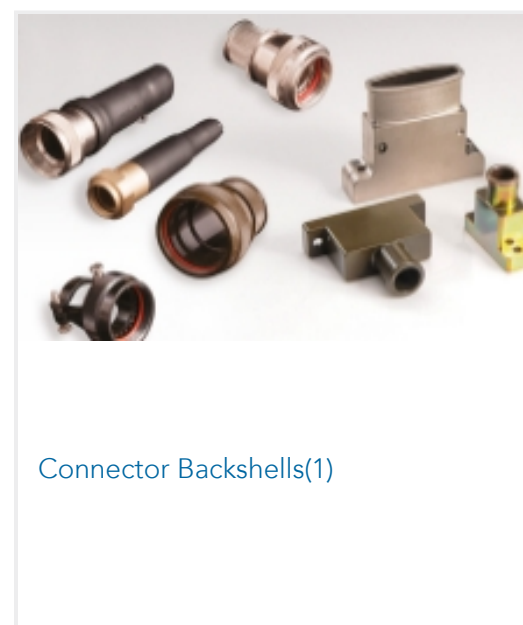
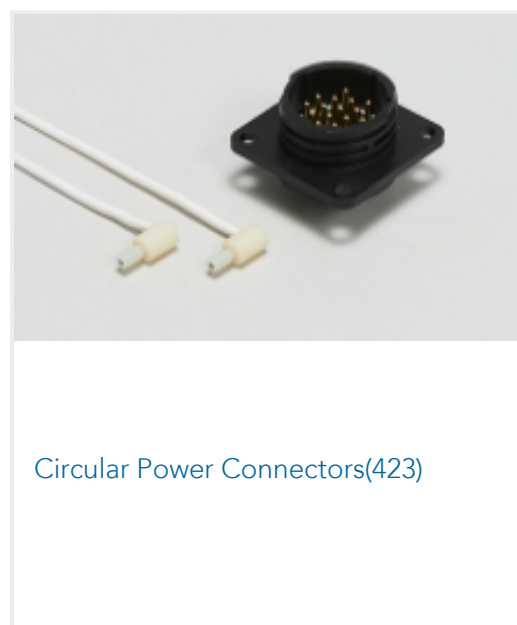
Product Compliance Disclaimer

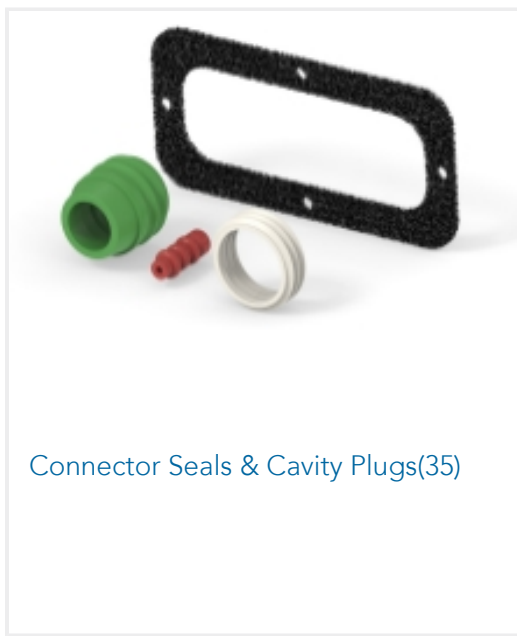
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 | AMP Circular Plastic Connectors

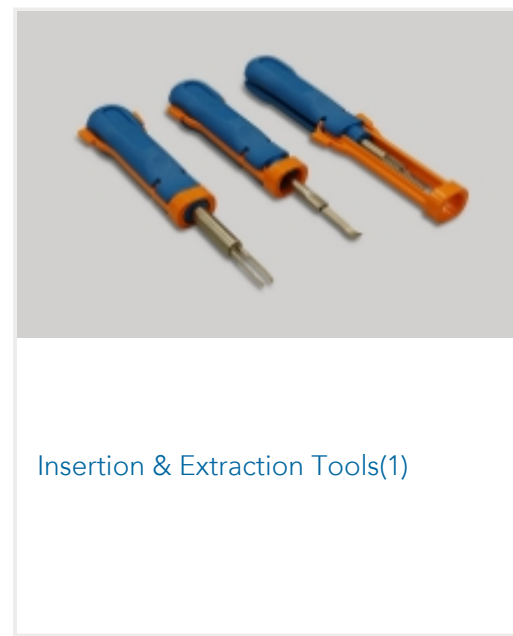




Connector Seals & Cavity Plugs(35)

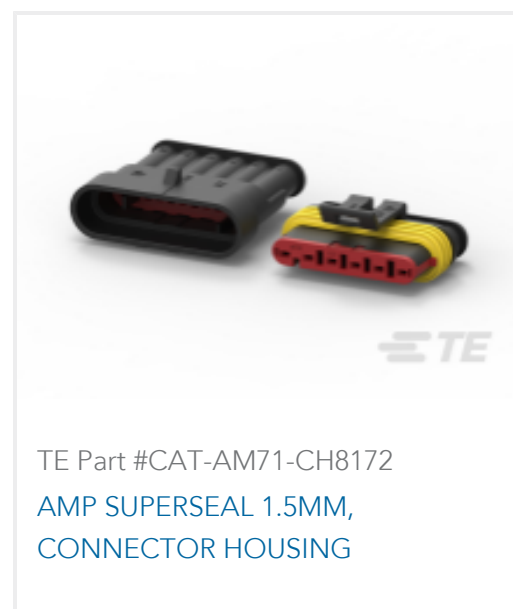


Connector Strain Relief(60)



Insertion & Extraction Tools(1)

Customers Also Bought

TE Part #114017-ZZ
SEALING PLUG, SIZE 12/16, WHTTE Part #CAT-D48-ST273
DEUTSCH Connector Solid ContactsTE Part #CAT-D487-W416
Wedgelocks: DEUTSCH DTTE Part #DT04-2P
REC, 2P, GRY, NTE Part #DT06-2S
PLG, 2P, GRY, NTE Part #281934-2
SINGLE WIRE SEALTE Part #CAT-AM71-CH8172
AMP SUPERSEAL 1.5MM,
CONNECTOR HOUSING

Documents

Product Drawings

ECONOSEAL FLANGE, GASKET

English

CAD Files

3D PDF

English

Customer View Model

[ENG_CVM_81665-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_81665-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_81665-1_C.3d_stp.zip](#)

English

3D PDF



3D

Customer View Model

[ENG_CVM_CVM_81665-1_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_81665-1_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_81665-1_E.3d_stp.zip](#)

English

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Product Specifications

[Application Specification](#)

English