

ASHD014-1PN-C25 ✓ ACTIVE

DEUTSCH | DEUTSCH ASHD

TE Internal #: ASHD014-1PN-C25

Standard Circular Connectors, Wire-to-Wire, 1 Position, Black Zinc, Aluminum Alloy, N Polarization Code, Hard Dielectric/Silicone, DEUTSCH ASHD

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **1**

Shell Plating Material: **Black Zinc**

Shell Base Material: **Aluminum Alloy**

Polarization Code: **N**

Features

Product Type Features

| | |
|-------------------------|----------------------|
| Product Type | Connector Assembly |
| Assembly Type | Electrical Connector |
| Connector System | Wire-to-Wire |
| Circular Connector Type | Receptacle |
| Shell Type | Metal |

Configuration Features

| | |
|-----------------------------|-----------------------|
| Factory Installed Backshell | No |
| Keying | Keyway Polarization N |
| Number of Positions | 1 |
| Contacts Preloaded | No |

Body Features

| | |
|---|--------------------------|
| Entry Style | Rear Insertion |
| Feedthrough Type | No |
| Shell Plating Material | Black Zinc |
| Shell Base Material | Aluminum Alloy |
| Circular Connector Insulation Material Type | Hard Dielectric/Silicone |
| Hermetically Sealed | No |



Contact Features

| | |
|---------------------------------|-----|
| Circular Connector Contact Type | Pin |
|---------------------------------|-----|

Mechanical Attachment

| | |
|--------------------------|---------------|
| Mating Retention Type | Bayonet Peg |
| Mating Alignment | With |
| Panel Mount Feature Type | 2 Hole Flange |
| Polarization Code | N |
| Mating Alignment Type | Keyed |
| Mating Retention | With |

Housing Features

| | |
|-------------------------------|----|
| Circular Connector Shell Size | 14 |
|-------------------------------|----|

Dimensions

| | |
|-----------------|---------|
| Assembly Length | 33.5 mm |
|-----------------|---------|

Usage Conditions

| | |
|-----------------------------|--------------|
| IP Water Sealing Level | 7 |
| Fluid Resistance | Immersible |
| IP Dust Sealing Level | 6 |
| Operating Temperature Range | -55 – 150 °C |

Operation/Application

| | |
|-------------------|------------|
| Durability Rating | 500 Cycles |
|-------------------|------------|

Other

| | |
|-------------------|-----|
| Field Serviceable | Yes |
|-------------------|-----|

Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Compliant with Exemptions |
| EU ELV Directive 2000/53/EC | Compliant with Exemptions |
| China RoHS 2 Directive MIIT Order No 32, 2016 | Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2023 (233) Candidate List Declared Against: JUN 2020 (209) SVHC > Threshold: Pb (1.2% in Contact) |



Article Safe Usage Statements:

Do not eat, drink or smoke when using this product. Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content

Not Yet Reviewed for halogen content

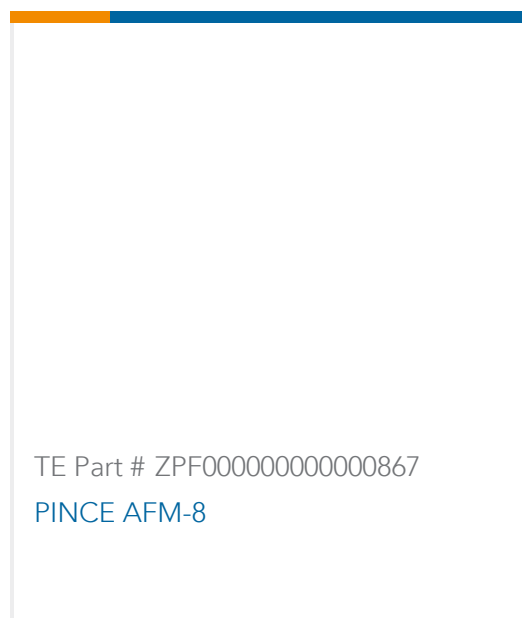
Solder Process Capability

Reflow solder capable to 245°C

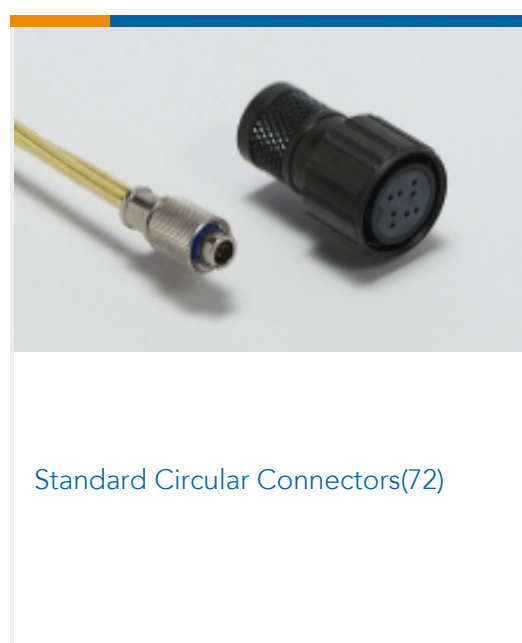
Product Compliance Disclaimer

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 | DEUTSCH ASHD



Customers Also Bought



TE Part #AS612-35PN
PLUG BOOT TERMINN TYPE 6



TE Part #AS010-98SN
RECEPT.2 HOLE MNT.TYPE 0



TE Part #AS120-35PN
RECEPT.CABLE COUP.TYPE 1



TE Part #AS610-98PA
PLUG BOOT TERMIN'N TYPE 6



TE Part #AS610-98PN
PLUG BOOT TERMIN'N TYPE 6



TE Part #AS612-98SN
PLUG BOOT TERMIN'N TYPE 6



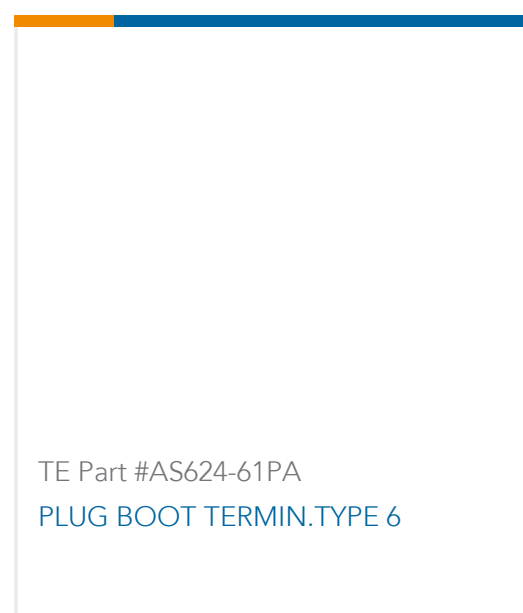
TE Part #AS622-35SN
PLUG BOOT TERMINN TYPE 6



TE Part #AS624-61PN
PLUG BOOT TERMIN.TYPE 6



TE Part #ASHD014-1PN-C16
RECEPT.100A.2 HOLE MTG.16mm
SKT.



TE Part #AS624-61PA
PLUG BOOT TERMIN.TYPE 6

Documents

Product Drawings

[RECEPT.100A.2 HOLE MTG.25mm SKT.](#)

English

Datasheets & Catalog Pages

[AS Micro Xtra Lite HE](#)

English