

AS612-35SA ✓ ACTIVE

DEUTSCH | DEUTSCH AS Standard

TE Internal #: AS612-35SA

22 Position Circular Connector, Wire-to-Wire, Sealable, Black Zinc, Aluminum Alloy, A Code, Hard Dielectric/Silicone, 22 AWG, DEUTSCH AS Standard

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Number of Positions: **22**

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

Sealable: **Yes**

Shell Plating Material: **Black Zinc**

Shell Base Material: **Aluminum Alloy**

Features

Product Type Features

Connector Product Type	Connector Assembly
Assembly Type	Electrical Connector
Connector System	Wire-to-Wire
Sealable	Yes
Circular Connector Type	Plug
Shell Type	Metal

Configuration Features

Factory Installed Backshell	No
Number of Positions	22
Contacts Preloaded	No

Body Features

Entry Style	Rear Insertion
Environmental Protection	With
Environmental Protection Type	Sealed
Feedthrough Type	No
Shell Plating Material	Black Zinc
Shell Base Material	Aluminum Alloy



Circular Connector Insulation Material Type	Hard Dielectric/Silicone
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Hermetically Sealed	No
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Contact Features

Contact Quantity (Size 22D)	22
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Contact Layout Arrangement	12 – 35
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Circular Connector Contact Type	Socket
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Mechanical Attachment

Mating Retention Type	Coupling Ring
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Mating Alignment	With
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Polarization Code	A
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Mating Alignment Type	Keyed
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Mating Retention	With
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Housing Features

Circular Connector Shell Size	12
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Dimensions

Assembly Length	33.5 mm
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Wire Size	22 AWG
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Usage Conditions

IP Dust Sealing Level	6
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IP Water Sealing Level	7
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Fluid Resistance	Immersion
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Operating Temperature Range	-55 – 175 °C[-67 – 347 °F]
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Operation/Application

Durability Rating	500 Cycles
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Other

Field Serviceable	Yes
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Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant with Exemptions
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EU ELV Directive 2000/53/EC	Compliant with Exemptions
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China RoHS 2 Directive MIIT Order No 32, 2016	Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006

Current ECHA Candidate List: JUNE 2024 (241)

Candidate List Declared Against: JAN 2024 (240)

SVHC > Threshold:

Pb (1.2% in Contact)

Pb (.4% in Shell)

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

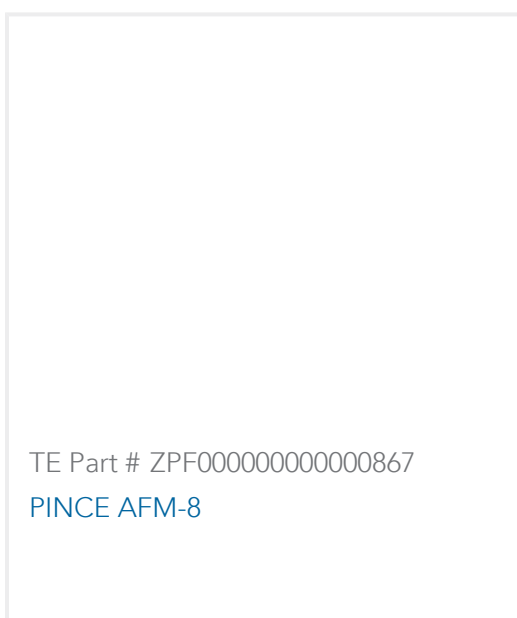
Solder Process Capability

Reflow solder capable to 245°C

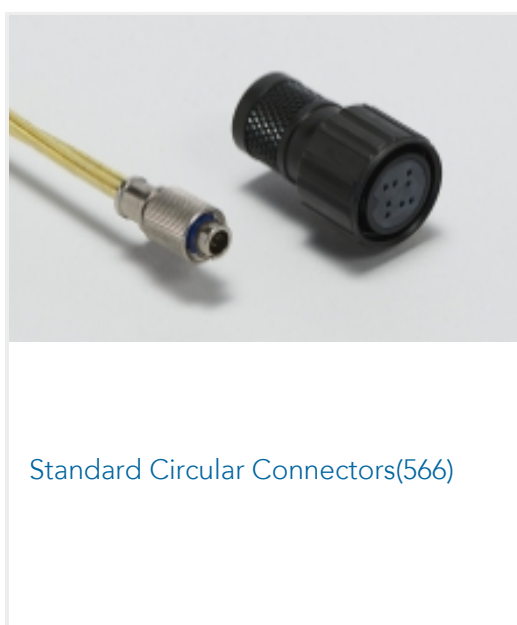
Product Compliance Disclaimer

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 AS Standard



Customers Also Bought



TE Part #AS910
CAP PROT. TYPE 9. #10



TE Part #AS114-35SN
RECEPT.CABLE COUP. TYPE 1



TE Part #3-640429-8
08P MTA156 CONN ASSY 24AWG
WHT



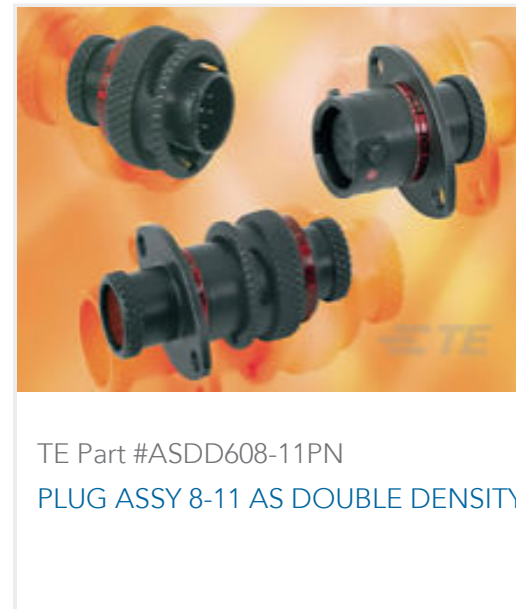
TE Part #2820113009
44A0111-18-1



TE Part #AS612-35PA
PLUG BOOT TERMIN'N TYPE 6



TE Part #AS616-35PN
PLUG BOOT TERMINN TYPE 6



TE Part #ASDD608-11PN
PLUG ASSY 8-11 AS DOUBLE DENSITY



TE Part #AS012-35PA
RECEPT.2 HOLE MNT.TYPE 0



TE Part #ASC105-06SN
RECEPT.AS MODULAR. SKT.



TE Part #172063-1
08P DRAWER MALE HSG

Documents

Product Drawings

[PLUG BOOT TERMIN'N TYPE 6](#)

English

Datasheets & Catalog Pages

[AS Micro Xtra Lite HE](#)

English

[DEUTSCH Autosport Interconnection Solutions](#)

English