# **AS607-35PN** ✓ ACTIVE

### DEUTSCH | DEUTSCH AS Standard

TE Internal #: AS607-35PN

Standard Circular Connectors, Wire-to-Wire, 6 Position, Sealable, Black Zinc, Aluminum Alloy, N Polarization Code, DEUTSCH AS

Standard

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Connector System: Wire-to-Wire

Number of Positions: 6

Sealable: Yes

Shell Plating Material: Black Zinc
Shell Base Material: Aluminum Alloy

### **Features**

### **Product Type Features**

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

## **Configuration Features**

Factory Installed Backshell	No
Keying	Key Polarization N
Number of Positions	6
Contacts Preloaded	No

### **Body Features**

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



Circular Connector Insulation Material Type Hermetically Sealed No  Contact Features  Contact Quantity (Size 2ZD) 6 Contact Layout Arrangement 7 - 35 Circular Connector Contact Type Prin  Mechanical Attachment Mating Retention Type Caupling Ring Mating Alignment With Polarization Code Mating Alignment Iype Keyed Mating Retention With Housing Features  Circular Connector Shell Size 7  Dimensions  Assembly Length Wire Size 22 AWG  Usage Conditions  Fluid Resistance IP Dust Sealing Level Operating Temperature Range Other Field Serviceable  Sou Cycles  Other Field Serviceable  Ves	Shell Base Material	Aluminum Alloy
Contact Quantity (Size 22D) Contact Layout Arrangement 7 - 35 Circular Connector Contact Type Pin  Mechanical Attachment  Mating Retention Type Coupling Ring Mating Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With  Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length 23 mm Wire Size 22 AWG  Usage Conditions  Fluid Resistance IP Dust Sealing Level 1P Water Sealing Level Operating Temperature Range Other	Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Contact Countity (Size 22D) Contact Layout Arrangement 7 - 35  Circular Connector Contact Type Pin  Mechanical Attachment  Mating Retention Type Coupling Ring Mating Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With  Housing Features Circular Connector Shell Size 7  Dimensions  Assembly Longth 23 mm Wire Size 22 AWG  Usage Conditions  Fluid Resistance IP Dust Sealing Level IP Operation/Application  Durability Rating  Other	Hermetically Sealed	No
Contact Layout Arrangement Circular Connector Contact Type Pin  Mechanical Attachment  Mating Retention Type Coupling Ring Mating Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With  Housing Features Circular Connector Shell Size 7  Dimensions  Assembly Length 23 mm Wire Size 22 AWG  Usage Conditions  Fluid Resistance IP Dust Scaling Level 6 IP Water Sealing Level 7 Operation/Application Durability Rating 500 Cycles  Other	Contact Features	
Circular Connector Contact Type  Mechanical Attachment  Mating Retention Type Coupling Ring Mating Alignment With  Polarization Code N Mating Alignment Type Keyed Mating Retention With  Housing Features  Circular Connector Shell Size 7  Dimensions  Assembly Length 23 mm Wire Size 22 AWG  Usage Conditions  Fluid Resistance Inmersible IP Dust Sealing Level 6 IP Water Sealing Level Operation/Application  Durability Rating Other	Contact Quantity (Size 22D)	6
Mechanical Attachment  Mating Retention Type  Muting Alignment  Polarization Code  Mating Alignment Type  Keyed  Mating Retention  With  Housing Features  Circular Connector Shell Size  7  Dimensions  Assembly Length  Wire Size  23 mm  Wire Size  22 AWG  Usage Conditions  Fluid Resistance  IP Dust Sealing Level  6  IP Water Sealing Level  Operation/Application  Durability Rating  500 Cycles  Other	Contact Layout Arrangement	7 – 35
Mating Retention Type  Mating Alignment  With  Polarization Code  N  Mating Alignment Type  Keyed  Mating Retention  With  Housing Features  Circular Connector Shell Size  7  Dimensions  Assembly Length  Wire Size  22 AWG  Usage Conditions  Fluid Resistance  IP Dust Sealing Level  Operating Temperature Range  Operation/Application  Durability Rating  Code  Code  With  With  Coupling Ring  Noth  With  Coupling Ring  Mating Alignment  With  N  Mating Alignment  N  N  Mating Alignment  N  N  Mating Alignment  N  N  Mating Alignment  N  Mating Alignment  N  Mating Alignment  N  N  Mating Alignment  N  Mating Alignment  N  Mating Alignment  N  N  Mating Alignment  N  Mating Alignment  N  N  Mating Alignment  N  N  Mating Alignment  N  N  Application  Sou Cycles  Other	Circular Connector Contact Type	Pin
Mating Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7  Dimensions Assembly Length 23 mm Wire Size 22 AWG Usage Conditions Fluid Resistance Immersible IP Dust Sealing Level 6 IP Water Sealing Level 7 Operating Temperature Range -55 – 175 °C Operation/Application Durability Rating 500 Cycles Other	Mechanical Attachment	
Polarization Code N Mating Alignment Type Keyed Mating Retention With  Housing Features  Circular Connector Shell Size 7  Dimensions  Assembly Length 23 mm Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range 55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Mating Retention Type	Coupling Ring
Mating Alignment Type Keyed  Mating Retention With  Housing Features  Circular Connector Shell Size 7  Dimensions  Assembly Length 23 mm  Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Mating Alignment	With
Mating Retention With  Housing Features  Circular Connector Shell Size 7  Dimensions  Assembly Length 23 mm Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible IP Dust Sealing Level 6 IP Water Sealing Level 7 Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Polarization Code	N
Housing Features  Circular Connector Shell Size 7  Dimensions  Assembly Length 23 mm  Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Mating Alignment Type	Keyed
Circular Connector Shell Size 7  Dimensions  Assembly Length 23 mm  Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Mating Retention	With
Dimensions  Assembly Length 23 mm  Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Housing Features	
Assembly Length Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible IP Dust Sealing Level 6 IP Water Sealing Level 7 Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Circular Connector Shell Size	7
Wire Size 22 AWG  Usage Conditions  Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Dimensions	
Usage Conditions  Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Assembly Length	23 mm
Fluid Resistance Immersible  IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Wire Size	22 AWG
IP Dust Sealing Level 6  IP Water Sealing Level 7  Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Usage Conditions	
IP Water Sealing Level 7 Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	Fluid Resistance	Immersible
Operating Temperature Range -55 – 175 °C  Operation/Application  Durability Rating 500 Cycles  Other	IP Dust Sealing Level	6
Operation/Application  Durability Rating 500 Cycles  Other	IP Water Sealing Level	7
Durability Rating 500 Cycles  Other	Operating Temperature Range	-55 – 175 °C
Other	Operation/Application	
	Durability Rating	500 Cycles
Field Serviceable Yes	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: JUNE 2022 (224) 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

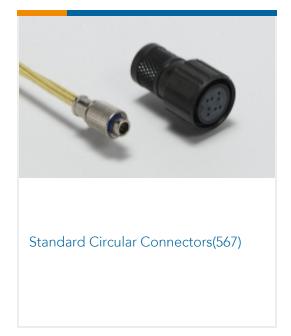
Product Compliance Disclaimer

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 AS Standard



Standard Circular Connectors, Wire-to-Wire, 6 Position, Sealable, Black Zinc, Aluminum Alloy, N Polarization Code, DEUTSCH AS Standard



## Documents

Product Drawings
PLUG. BOOT TERMIN. TYPE 6 AS MICRO 7

English