AS107-98PN ✓ ACTIVE

DEUTSCH | DEUTSCH AS Standard

TE Internal #: AS107-98PN

Standard Circular Connectors, Wire-to-Wire, 3 Position, Sealable, Black Zinc, Aluminum Alloy, N Polarization Code, DEUTSCH AS

Standard

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Connectors > Circular Connectors > Standard Circular Connectors



Connector System: Wire-to-Wire

Number of Positions: 3

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	Receptacle
Shell Type	Metal

Configuration Features

Factory Installed Backshell	No
Keying	Keyway Polarization N
Number of Positions	3
Contacts Preloaded	No

Body Features

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



Circular Connector Insulation Material Type Hermetically Sealed No Contact Features Contact Features Contact Country (Size 20) Contact Layout Arrangement 7 – 98 Circular Connector Contact Type Prin Mechanical Attachment Mating Retention Type Rayonet Peg Mating Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length 23.3 mm Wire Size Usage Conditions Fluid Resistance IP Dust Sealing Level IP Water Sealing Level Operation/Application Durability Rating Ocycles Other Field Sarviceable Yes	Shell Base Material	Aluminum Alloy
Contact Quantity (Size 20) 3 Contact Layout Arrangement 7 – 98 Circular Connector Contact Type Pin Mechanical Attachment Mating Retention Type Bayonet Peg Mating Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length 23.3 mm Wire Size 20 AWG Usage Conditions Fluid Resistance Immersible IP Dust Sealing Level 6 IP Water Sealing Level 7 Operating Temperature Range 550 Cycles Other	Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Contact Quantity (Size 20) Contact Layout Arrangement 7 - 98 Circular Connector Contact Type Pirr Mechanical Attachment Mating Retention Type Bayonet Peg Moting Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length 23.3 mm Wire Size 20 AWG Usage Conditions Fluid Resistance Immersible IP Dust Sealing Level IP Water Sealing Level Operation/Application Durability Rating 500 Cycles Other	Hermetically Sealed	No
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Circular Connector Contact Type Pin Mechanical Attachment Mating Retention Type Bayonet Peg Mating Alignment With Polarization Code N Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length 23.3 mm Wire Size 20 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	Contact Quantity (Size 20)	3
Mechanical Attachment Mating Retention Type Mating Alignment Polarization Code Mating Alignment Type Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length Vire Size 20 AWG Usage Conditions Fluid Resistance IP Dust Sealing Level IP Water Sealing Level Operating Temperature Range Operation/Application Durability Rating Sun Mith Dust Sealing Level Other	Contact Layout Arrangement	7 – 98
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 23.3 mm Wire Size 20 AWG Usage Conditions Fluid Resistance IP Dust Sealing Level Operating Temperature Range Operation/Application Durability Rating State State Suppose Suppo	Circular Connector Contact Type	Pin
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Polarization Code Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length Wire Size 20 AWG Usage Conditions Fluid Resistance IP Dust Sealing Level IP Water Sealing Level Operating Temperature Range Order Durability Rating Other	Mating Retention Type	Bayonet Peg
Mating Alignment Type Keyed Mating Retention With Housing Features Circular Connector Shell Size 7 Dimensions Assembly Length 23.3 mm Wire Size 20 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 23.3 mm Wire Size 20 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	Ν
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Dimensions Assembly Length 23.3 mm Wire Size 20 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 20 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 20 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	23.3 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	20 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

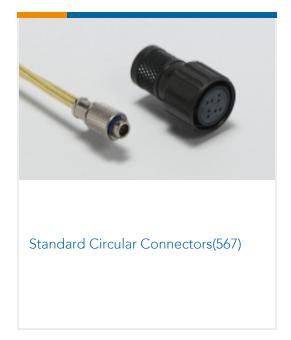
Product Compliance Disclaimer

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, 3 Position, Sealable, Black Zinc, Aluminum Alloy, N Polarization Code, DEUTSCH AS Standard



Documents

Product Drawings

RECEPT. IN LINE TYPE 1 AS MICRO 7

English

Datasheets & Catalog Pages

AS Micro Xtra Lite HE

English