# PLUG ASSY ✔ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Part # DTS26W09-98SN

TE Internal #: DTS26W09-98SN

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors



Product Type: **Connector**

Connector System: **Cable-to-Panel**

Number of Positions: **3**

Sealable: **Yes**

Connector & Contact Terminates To: **Wire & Cable**

## Features

### Product Type Features

| | |
|---|---|
| Assembly Type | Electrical Connector |
| Product Type | Connector |
| Connector System | Cable-to-Panel |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Shell Size | 9 |
| Shielded | Yes |
| Connector Style | Plug |
| Shell Type | Straight Plug |

### Configuration Features

| | |
|---|---|
| Keying & Polarized Position Locations | N |
| Factory Installed Backshell | No |
| Keying | Key Polarization N |
| Number of Positions | 3 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 3 |
| Preloaded | No |

### Electrical Characteristics

| | |
|---|---|
| Operating Voltage | 600 VAC |

| | |
|---|---|
| Voltage | 1800 Vrms |

## Body Features

| | |
|---|---|
| Environmental Protection | Yes |
| Environmental Protection Type | Elastomer Sealed |
| Fluid Type | Coolanol 25, M2-V, MIL-DTL-5624 (JP-4,JP-5), MIL-DTL-83133 (JP-8), MIL-PRF-23699, MIL-PRF-5606, MIL-PRF-7808, SEA-AMS1424 Type I |
| Entry Style | Rear Insertion |
| Feedthrough Type | No |
| Shell Plating Material | Cadmium, O.D. |
| Shell Material | Aluminum 6061-T6 |
| Insulation Material | Hard Dielectric/Silicone |
| Hermetically Sealed | No |

## Contact Features

| | |
|---|---|
| Contact Quantity (Size 20) | 3 |
| Contact Current Rating (Max) | 7.5 A |
| Reverse Gender | No |
| Contact Layout Arrangement | 9 – 98 |
| Contact Type | Socket |

## Mechanical Attachment

| | |
|---|---|
| Mating Retention Type | Triple Start Threaded |
| Panel Mount Feature | Without |
| Connector Mounting Type | Panel |
| Polarization Code | N |
| Mating Alignment Type | Keyed |
| Mating Retention | With |

## Housing Features

| | |
|---|---|
| Alignment Keyed | Clocking |

## Dimensions

| | |
|---|---|
| Accepts Wire Insulation Diameter Range | 1.02 – 2.11 mm[.04 – .083 in] |
| Assembly Length | 31 mm[1.22 in] |
| Wire Size | .2 – .52 $mm^2$ |

## Usage Conditions

| | |
|---|---|
| Fluid Resistance | Yes |
| Operating Temperature Range | -65 – 200 °C[-85 – 392 °F] |

## Operation/Application

| | |
|---|---|
| Durability Rating | 500 Cycles |
| Circuit Application | Signal |

## Packaging Features

| | |
|---|---|
| Packaging Quantity | 1 |

## Other

| | |
|---|---|
| Position Locations Omitted | All |

# Product Compliance

For compliance documentation, visit the product page on TE.com>

| | |
|---|---|
| EU RoHS Directive 2011/65/EU | Not Yet Reviewed |
| EU ELV Directive 2000/53/EC | Not Yet Reviewed |
| China RoHS 2 Directive MIIT Order No 32, 2016 | No Restricted Materials Above Threshold |
| EU REACH Regulation (EC) No. 1907/2006 | Current ECHA Candidate List: JAN 2019 (197)<br>Candidate List Declared Against: JAN 2019 (197) |
| Halogen Content | Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free |
| Solder Process Capability | Not reviewed for solder process capability |

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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles'(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

## Also in the Series | DEUTSCH 38999



Standard Circular Connectors(2419)

## Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(16828)

## Customers Also Bought



TE Part #38943-22L
CONT SOC ASSY



TE Part #38943-12L
CONTACT T12 FEMELLE (= 724-0007-12)



TE Part #2560-201-2031L
CONT PIN



TE Part #DTS26W09-35SN
PLUG ASSY



TE Part #DTS26W15-35PN
PLUG ASSY



TE Part #DTS26W15-35SN
PLUG ASSY

## Documents

Product Drawings
PLUG ASSY
English

## Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English

## Product Environmental Compliance

REACH Substance Communication Document

English

REACH Substance Communication Document

English