DTS20W25-35SE [V001] ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series III

TE Internal #: YDTS20W25-35SEV001

Standard Circular Connectors, Cable-to-Panel, 128 Position,

Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D.,

DEUTSCH 38999 Series III

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Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 25-35 insert



Connector System: Cable-to-Panel

Number of Positions: 128

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 5 A

All D38999: Square Flange, 25-35 insert (75)

Features

Product Type Features

| Product Type | Connector |
|-----------------------------------|--------------------------|
| Assembly Type | Electrical Connector |
| Connector System | Cable-to-Panel |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Circular Connector Type | Receptacle |
| Shell Type | Square Flange Receptacle |

Configuration Features

| Keying & Polarized Position Locations | E |
|---------------------------------------|-----------------------|
| Factory Installed Backshell | No |
| Keying | Keyway Polarization E |
| Number of Positions | 128 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 128 |
| Contacts Preloaded | No |

Electrical Characteristics



| Voltago | 1200 Vrmc |
|---|--|
| Voltage Operating Voltage | 1300 Vrms 400 VAC |
| | 400 VAC |
| Body Features | |
| Feedthrough Type | No |
| Environmental Protection Type | Elastomer Sealed |
| Entry Style | Rear Insertion |
| Peripheral Seal Material | Silicone |
| Environmental Protection | Yes |
| Weight | 51.8 g[.1143 lb] |
| O-Ring Material | Silicone |
| 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 |
| Shell Plating Material | Cadmium, O.D. |
| Shell Base Material | Aluminum 6061-T6 |
| Circular Connector Insulation Material Type | Hard Dielectric/Silicone |
| Hermetically Sealed | No |
| Contact Features | |
| Contact Quantity (Size 22D) | 128 |
| Contact Current Rating (Max) | 5 A |
| Reverse Gender | No |
| Contact Layout Arrangement | 25 – 35 |
| Circular Connector Contact Type | Socket |
| Mechanical Attachment | |
| Mating Retention Type | Triple Start Threaded |
| Panel Mount Feature | With |
| Panel Mount Feature Type | Square Flange |
| Connector Mounting Type | Panel Mount |
| Polarization Code | E |
| Mating Alignment Type | Keyed |
| Mating Retention | With |
| Housing Features | |
| Circular Connector Shell Size | 25 |



| Alignment Keyed | Clocking |
|--|------------------------------|
| Dimensions | |
| Accepts Wire Insulation Diameter Range | .76 – 1.37 mm[.03 – .054 in] |
| Assembly Length | 31.5 mm[1.24 in] |
| Wire Size | .08 – .33 mm² |
| Usage Conditions | |
| Fluid Resistance | Yes |
| Operating Temperature Range | -65 – 200 °C[-85 – 392 °F] |
| Operation/Application | |
| Durability Rating | 500 Cycles |
| Circuit Application | Signal |
| Shielded | Yes |
| 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 Compliant |
|---|--|
| EU ELV Directive 2000/53/EC | Not Compliant |
| 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: JUNE 2022 (224) SVHC > Threshold: Cd (3.41% in Plating) Pb (1.2% in Pin Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert assembly) Article Safe Usage Statements: Use personal protective equipment as required. 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 | Not reviewed for solder process capability |

Standard Circular Connectors, Cable-to-Panel, 128 Position, Sealable, Wire & Cable, Signal, Panel Mount, Cadmium, O.D., DEUTSCH 38999 Series III



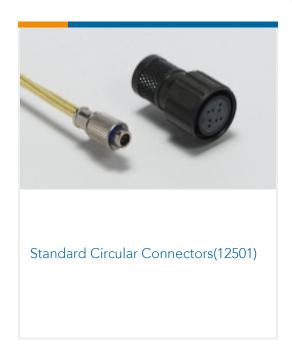
Product Compliance Disclaimer

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

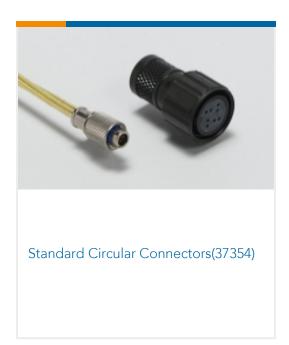
Compatible Parts



Also in the Series | DEUTSCH 38999



Also in the Series | DEUTSCH 38999 Series III



Customers Also Bought

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TE Part #YACT26JH35SNV00100 STRAIGHT PLUG



TE Part #YACT26JD15SNV00100 STRAIGHT PLUG



TE Part #YACT26JD19SAV00100 STRAIGHT PLUG



TE Part #YDTS20W23-35SNV001 RECP ASSY



TE Part #YDTS20W25-35SAV001 RECP ASSY



TE Part #YACT20JE06SNV00100 SQUARE FLANGE RECEPTACLE



TE Part #YACT20JF35PNV00100 SQUARE FLANGE RECEPTACLE



TE Part #YACT20JG16SNV00100 SQUARE FLANGE RECEPTACLE



TE Part #YACT20JG35SNV00100 SQUARE FLANGE RECEPTACLE



TE Part #YACT20JJ43SNV00100 SQUARE FLANGE RECEPTACLE

Documents

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YDTS20W25-35SEV001_D.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_YDTS20W25-35SEV001_D.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_YDTS20W25-35SEV001_D.3d_stp.zip

English

By downloading the CAD file I accept and agree to the **Terms and Conditions** of use.

Datasheets & Catalog Pages

DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide

English