DTS24W25-20SN [V001] ✔ ACTIVE

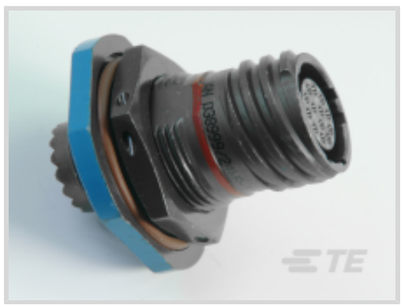
DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS24W25-20SNV001

Standard Circular Connectors, Cable-to-Panel, 30 Position, Sealable, Wire & Cable, Power & Signal, Panel Mount, Cadmium, O. D., Aluminum 6061-T6

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors > Jam Nut: D38999, 25-20 Insert



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

Connector Mounting Type: **Panel Mount**

Number of Positions: **30**

Sealable: **Yes**

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

All Jam Nut: D38999, 25-20 Insert (17)

Features

Product Type Features

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

Configuration Features

Keying & Polarized Position Locations	N
Factory Installed Backshell	No
Keying	Keyway Polarization N
Number of Positions	30
Number of Power Positions	20
Number of Signal Positions	10
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	300 VAC
Voltage	1000 Vrms

Body Features

Peripheral Seal Material	Silicone
Environmental Protection	Yes
Feedthrough Type	No
O-Ring Material	Silicone
Environmental Protection Type	Elastomer Sealed
Entry Style	Rear Insertion
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 8 Databus)	3
Contact Quantity (Size 12 Coax)	4
Contact Current Rating (Max)	43 A
Reverse Gender	No
Contact Layout Arrangement	25 – 20
Circular Connector Contact Type	Socket

Mechanical Attachment

Mating Retention Type	Triple Start Threaded
Panel Mount Feature	With
Panel Mount Feature Type	Jam Nut
Connector Mounting Type	Panel Mount
Polarization Code	N
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	25

Alignment Keyed	Clocking

Dimensions

Panel Thickness	1.58 – 3.2 mm[.062 – .126 in]
Assembly Length	32.5 mm[1.28 in]
Wire Size	5.26 – 8.37 mm²

Usage Conditions

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

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power & 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 2024 (241) Candidate List Declared Against: JAN 2024 (240) SVHC > Threshold: Cd (2.6% in Plating) Pb (1.2% in Pin Copper Alloy) **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

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



TE Part # CAT-D38999-DTS24R
D38999: Straight Plug, 25-20 Insert

Also in the Series | DEUTSCH 38999 Series III



Standard Circular Connectors(9183)

Customers Also Bought



TE Part #634051-000
202K121-25/225-0



TE Part #6632750001
TMS-SCE-3/32-2.0-9



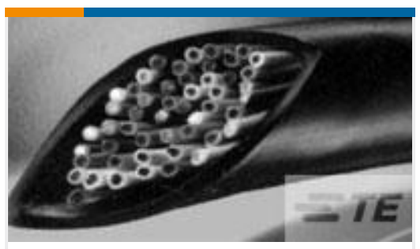
TE Part #D369-P66-NP1
369 6 WAY PLUG, CRIMP, PIN



TE Part #321015
TERMINAL,PIDG R 26-22 2



TE Part #D369-R66-NS1
369 6 WAY REC, CRIMP, SKT



TE Part #5603764002
NTFR-1/8-0-SP



TE Part #YDTS26W21-41PNV001
PLUG ASSY

TE Part #6162-213-1677
CONT SOC ASSY



TE Part #073170-000
SO63-1-00

TE Part #MS27488-16-2
SEALING PLUGS

Documents

Product Drawings

RECP ASSY

English