DTS20Z23-53AC [V001] ACTIVE

DEUTSCH | DEUTSCH 38999 Series III

TE Internal #: YDTS20Z23-53ACV001

Standard Circular Connectors, Cable-to-Panel, 53 Position,

Sealable, Wire & Cable, Signal, Panel Mount, Black Zinc Nickel,

DEUTSCH 38999 Series III

View on TE.com >



Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 23-53 insert



Connector System: Cable-to-Panel

Number of Positions: 53

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

Contact Current Rating (Max): 7.5 A

All D38999: Square Flange, 23-53 insert (60)

Features

Product Type Features

Troduct Type reatures	
Product Type	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	
Number of Positions	53
Number of Power Positions	0
Number of Signal Positions	53
Contacts Preloaded	No
Body Features	
Shell Plating Material	Black Zinc Nickel

Aluminum 6061-T6

No

Hard Dielectric/Silicone

Shell Base Material

Hermetically Sealed

Circular Connector Insulation Material Type



Contact Features

Contact Current Rating (Max)	7.5 A
Reverse Gender	No
Contact Layout Arrangement	23 – 53
Circular Connector Contact Type	Less Pin

Mechanical Attachment

Connector Mounting Type	Panel Mount
Polarization Code	С
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	23
Alignment Keyed	Clocking

Dimensions

Wire Size	$.252 \text{ mm}^2$
VVII C SIZC	.2 .02 111111

Usage Conditions

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

Operation/Application

Circuit Application	Signal
Shielded	Yes

Product Compliance

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

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (5% in
	Insert assembly) Article Safe Usage Statements: Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

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Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

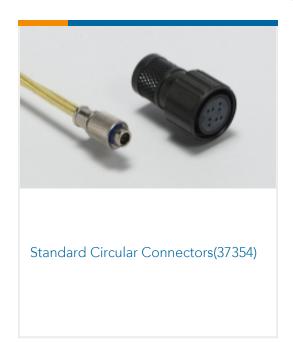
Product Compliance Disclaimer

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



Also in the Series | DEUTSCH 38999 Series III



Customers Also Bought









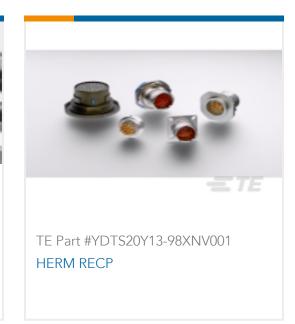
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Documents

Datasheets & Catalog Pages
DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS

English