

DIV44E23-55SC [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999, DEUTSCH 38999 Series IV

TE Internal #: YDIV44E23-55SCV001

DEUTSCH 38999 Series IV, Standard Circular Connectors, Wire-to-Wire, 55 Position, Sealable, Wire & Cable, 5A Contact Current Rating (Max), Power

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors



Connector System: **Wire-to-Wire**

Number of Positions: **55**

Sealable: **Yes**

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

Contact Current Rating (Max): **5 A**

Features

Product Type Features

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

Configuration Features

Factory Installed Backshell	No
Number of Positions	55
Number of Power Positions	55
Contacts Preloaded	No

Body Features

Environmental Protection Type	Elastomer Sealed
Entry Style	Rear Insertion
Environmental Protection	Yes
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	Nickel
Shell Base Material	Aluminum
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	Yes

Contact Features

Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	H55 (23-55)
Circular Connector Contact Type	Solder Cup Socket

Mechanical Attachment

Mating Retention Type	Breech Coupling
Panel Mount Feature	With
Panel Mount Feature Type	Jam Nut
Polarization Code	C
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	H (23)
Alignment Keyed	Clocking

Dimensions

Panel Thickness	1.8 – 3.2 mm [.071 – .126 in]
	32 in
Wire Size	20 AWG

Usage Conditions

Fluid Resistance	Yes
Operating Temperature Range	-65 – 175 °C [-85 – 347 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power
Shielded	Yes

Packaging Features



Packaging Quantity 1

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: JUL 2021 (219) Candidate List Declared Against: JAN 2021 (211) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert Subassembly) 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 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**



Standard Circular Connectors(14019)

Also in the Series | DEUTSCH 38999 Series IV



Standard Circular Connectors(199)

Customers Also Bought



TE Part #1617807-5
FC-335-SY8= RELAY, 3PST



TE Part #ZPF000000000001261
097-0267-16 A1267



TE Part #1617147-5
JMGAP-26P = M39016/17-030P



TE Part #ZPF000000000007174
983-ORS 08-98 PN



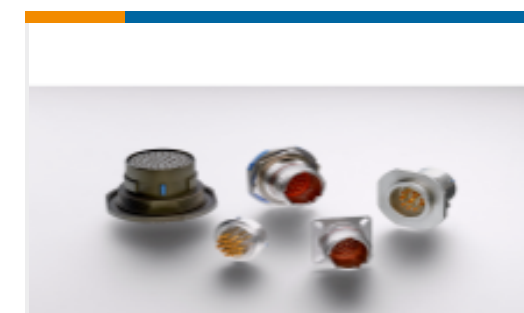
TE Part #1616058-6
A703CD (FAA/PMA)=RELAY



TE Part #YAFD56-14-15SWC019
PLUG ASSY



TE Part #CX1369-000
BSTS-13X4FR/NM



TE Part #YDTS20Y13-98XNV001
HERM RECP



TE Part #1617119-5
J1MAW-18XP = M39016/7-021P



TE Part #CS8624-000
BSTS-15X4FR/NM



Documents

Product Drawings

[RECP ASSY](#)

English

Datasheets & Catalog Pages

[MIL-DTL-38999 Series IV Connectors](#)

English

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[TE Connectivity:](#)

[D38999/44FH55SC](#)