

ACT26JG39SB [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III Composite Connectors

TE Internal #: YACT26JG39SBV00100

Standard Circular Connectors, Cable-to-Panel, 39 Position,
Sealable, Wire & Cable, Power & Signal, DEUTSCH 38999 Series III
Composite Connectors

[View on TE.com >](#)



Connectors > Circular Connectors > Standard Circular Connectors > Straight Plug D38999, G39 Insert



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

Number of Positions: **39**

Sealable: **Yes**

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

Contact Current Rating (Max): **13 A**

[All Straight Plug D38999, G39 Insert \(64\)](#)

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	Plug
Shell Type	Straight Plug

Configuration Features

Keying & Polarized Position Locations	B
Factory Installed Backshell	No
Keying	Key Polarization B
Number of Positions	39
Number of Power Positions	2
Number of Signal Positions	37
Contacts Preloaded	No

Electrical Characteristics



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

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

Body Features

Environmental Protection	Yes
--------------------------	-----

Weight	36.6 g[.0808 lb]
--------	------------------

Feedthrough Type	No
------------------	----

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	Composite
---------------------	-----------

Circular Connector Insulation Material Type	Hard Dielectric/Silicone
---	--------------------------

Hermetically Sealed	No
---------------------	----

Contact Features

Contact Quantity (Size 20)	37
----------------------------	----

Contact Quantity (Size 16)	2
----------------------------	---

Contact Current Rating (Max)	13 A
------------------------------	------

Reverse Gender	No
----------------	----

Contact Layout Arrangement	G39
----------------------------	-----

Circular Connector Contact Type	Socket
---------------------------------	--------

Mechanical Attachment

Mating Retention Type	Triple Start Threaded
-----------------------	-----------------------

Panel Mount Feature	Without
---------------------	---------

Connector Mounting Type	Panel Mount
-------------------------	-------------

Polarization Code	B
-------------------	---

Mating Alignment Type	Keyed
-----------------------	-------

Mating Retention	With
------------------	------

Housing Features

Circular Connector Shell Size	21
-------------------------------	----

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

Dimensions



Assembly Length	31.5 mm[1.24 in]
-----------------	------------------

Wire Size	.52 – 1.31 mm ²
-----------	----------------------------

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	<p>Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Cd (3.45% in Plating) Pb (1.2% in Contact Lead-Coper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert Subassembly)</p> <p>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.</p>
--	--

Halogen Content	Not Yet Reviewed for halogen content
-----------------	--------------------------------------

Solder Process Capability	Not reviewed for solder process capability
---------------------------	--

Product Compliance Disclaimer

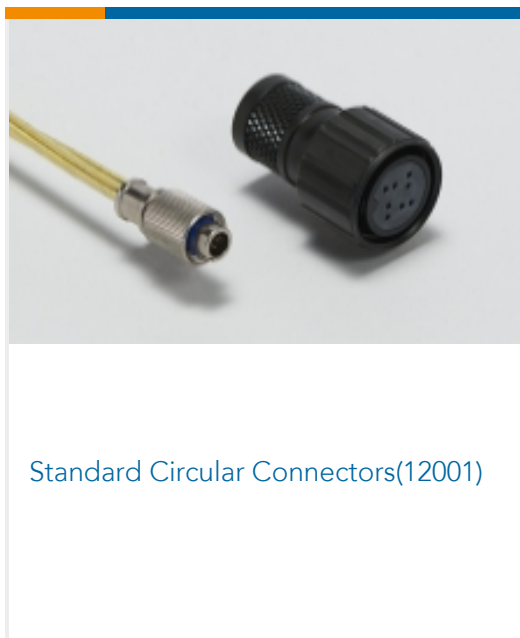
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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

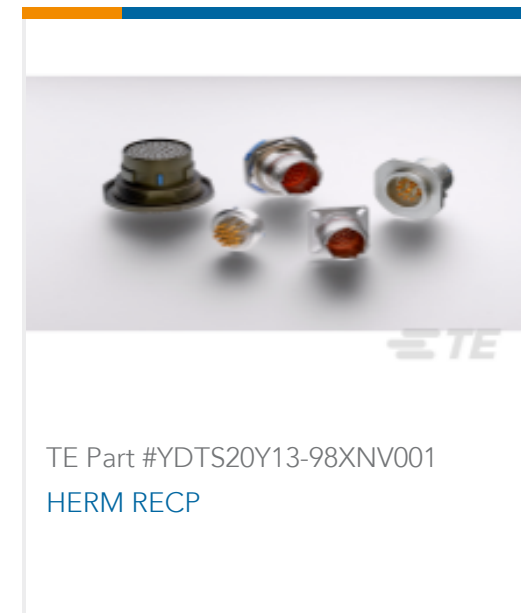


Also in the Series | DEUTSCH 38999 Series III Composite Connectors



Customers Also Bought





Documents

Product Drawings

[STRAIGHT PLUG](#)

English

Datasheets & Catalog Pages

[DEUTSCH MIL-DTL-38999 Connectors Quick Reference Guide](#)

English