

ACT26JJ20PN [V001] ✓ ACTIVE

DEUTSCH | DEUTSCH 38999 Series III Composite Connectors

TE Internal #: YACT26JJ20PNV00100

Standard Circular Connectors, Cable-to-Panel, 30 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, J20 Insert



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

Number of Positions: **30**

Sealable: **Yes**

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

Contact Current Rating (Max): **43 A**

[All Straight Plug D38999, J20 Insert \(60\)](#)

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	N
Factory Installed Backshell	No
Keying	Key Polarization N
Number of Positions	30
Number of Power Positions	20
Number of Signal Positions	10
Contacts Preloaded	No

Electrical Characteristics



Voltage	1000 Vrms
Operating Voltage	300 VAC

Body Features

Feedthrough Type	No
Environmental Protection Type	Elastomer Sealed
Entry Style	Rear Insertion
Environmental Protection	Yes
Weight	35.7 g[.0788 lb]
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)	10
Contact Quantity (Size 16)	13
Contact Quantity (Size 22D)	13
Contact Quantity (Size 12 Coax)	4
Contact Quantity (Size 8 Databus)	3
Contact Current Rating (Max)	43 A
Reverse Gender	No
Contact Layout Arrangement	J20
Circular Connector Contact Type	Pin

Mechanical Attachment

Mating Retention Type	Triple Start Threaded
Panel Mount Feature	Without
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

Assembly Length	31.5 mm[1.24 in]
Wire Size	5.26 – 8.37 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)</p> <p>Candidate List Declared Against: JUNE 2022 (224)</p> <p>SVHC > Threshold:</p> <p>Cd (3.45% in Plating)</p> <p>Pb (1.2% in Contact Lead-Coper Alloy)</p> <p>Decamethylcyclopentasiloxane (D5) (5% in Insert Subassembly)</p> <p>Article Safe Usage Statements:</p> <p>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



TE Part # 601966-1
CRIMPING TOOL M22520/2-01




TE Part # YACT20JJ20SNC00100
SQUARE FLANGE RECEPTACLE



TE Part # YACT24JJ20SNC00100
JAM NUT RECEPTACLE

Also in the Series | DEUTSCH 38999 Series III Composite Connectors



Standard Circular Connectors(12001)

Customers Also Bought



TE Part #3-1437559-7
MTL206N=(MSTL) SW TOG LOCKING



TE Part #3-1437559-4
MTL106D=(MSTL) SWITCH TOG LOCK

TE Part #6162-325-1231
COAX SOC ASSY



TE Part #204518-2
RECEPT ASSY,62 POSN,AMPLIMITE



Documents

Product Drawings

[STRAIGHT PLUG](#)

English

Datasheets & Catalog Pages

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

English