## DEUTSCH | DEUTSCH 38999 Series III Composite Connectors

TE Internal #: YACT26MD97PAC00100 Standard Circular Connectors, Wire-to-Wire, 12 Position, .1 in [.06 mm] Centerline, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging)

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Connectors > Circular Connectors > Standard Circular Connectors > Straight Plug D38999, D97 Insert



Connector System: Wire-to-Wire

Number of Positions: 12

Centerline (Pitch): .06 mm [.1 in ]

Sealable: Yes

Connector & Contact Terminates To: Wire & Cable

All Straight Plug D38999, D97 Insert (69)

### Features

## Product Type Features

Product Type

#### Connector

Connector System	Wire-to-Wire
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Circular Connector Type	Plug
Shell Type	Straight Plug
Configuration Features	
Number of Positions	12
Number of Power Positions	4
Number of Signal Positions	8
Contacts Preloaded	No
Body Features	
Shell Plating Material	Electroless Nickel
Shell Base Material	Composite
Circular Connector Insulation Material Type	Hard Dielectric/Silicone
Hermetically Sealed	No

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## **Contact Features**

Contact Current Rating (Max)	13 A
Reverse Gender	No
Contact Layout Arrangement	Circular
Circular Connector Contact Type	Pin/Socket
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Polarization Code	Normal
Mating Alignment Type	Polarization
Mating Retention	Without
Housing Features	
Centerline (Pitch)	.06 mm[.1 in]
Circular Connector Shell Size	D (15)
Alignment Keyed	Clocking
Dimensions	
Wire Size	.61 – 1.21 mm²

## Usage Conditions

Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]
Operation/Application	
Circuit Application	Power & Signal
Shielded	Yes
<b>Product Compliance</b> 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: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Pb (1.2% in Contact Lead-Copper Alloy) Decamethylcyclopentasiloxane (D5) (5% in Insert Assembly)

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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.

Not Yet Reviewed for halogen content

Not reviewed for solder process capability

#### Halogen Content

#### Solder Process Capability

#### Product Compliance Disclaimer

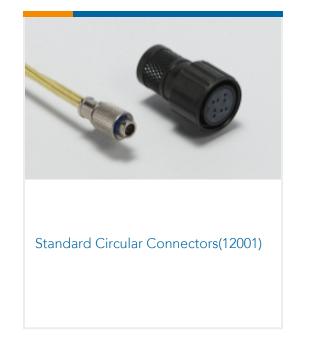
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # YACT20MD97SAV00100 SQUARE FLANGE RECEPTACLE

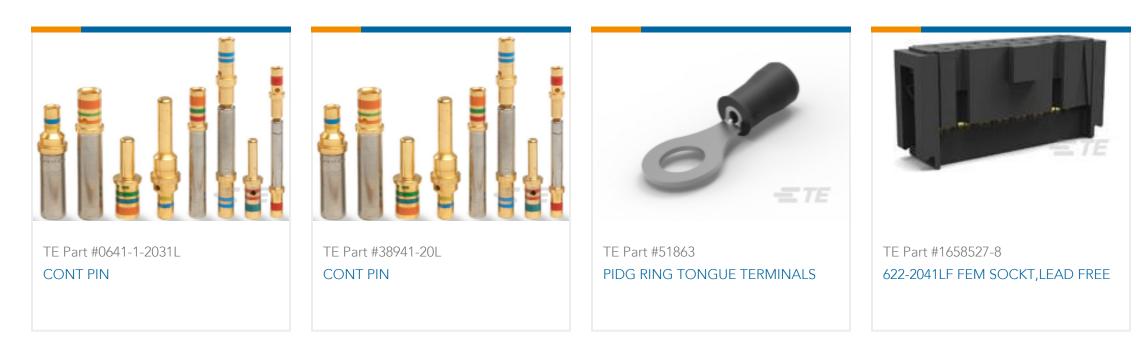
## Also in the Series | DEUTSCH 38999 Series III Composite Connectors



**Customers Also Bought** 

Standard Circular Connectors, Wire-to-Wire, 12 Position, .1 in [.06 mm] Centerline, Sealable, Wire & Cable, Power & Signal, Cable Mount (Free-Hanging)







## Documents

**Product Drawings** STRAIGHT PLUG

English

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

English