



DEUTSCH

TE Internal #: YDTS20W25-29SNV001

Standard Circular Connectors, Wire-to-Wire, 29 Position, .1 in [.06 mm] Centerline, Sealable, Wire & Cable, Power & Signal, Panel Mount, Cadmium O.D.

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Connectors > Circular Connectors > Standard Circular Connectors > D38999: Square Flange, 25-29 insert



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

Number of Positions: **29**

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

Sealable: **Yes**

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

[All D38999: Square Flange, 25-29 insert \(62\)](#)

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

| | |
|----------------------------|----|
| Number of Positions | 29 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 29 |
| Contacts Preloaded | No |

Body Features

| | |
|---------------------------------------------|--------------------------|
| Shell Plating Material | Cadmium O.D. |
| Shell Base Material | Aluminum |
| Circular Connector Insulation Material Type | Hard Dielectric/Silicone |
| Hermetically Sealed | No |



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 | Panel Mount |
| Polarization Code | Normal |
| Mating Alignment Type | Polarization |
| Mating Retention | Without |

Housing Features

| | |
|-------------------------------|----------------|
| Centerline (Pitch) | .06 mm [.1 in] |
| Circular Connector Shell Size | J (25) |
| Alignment Keyed | Clocking |

Dimensions

| | |
|-----------|----------------------------|
| Wire Size | .61 – 1.21 mm ² |
|-----------|----------------------------|

Usage Conditions

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

Operation/Application

| | |
|---------------------|----------------|
| Circuit Application | Power & Signal |
| Shielded | Yes |

Product Compliance

For compliance documentation, visit the product page on [TE.com](https://www.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 | Current ECHA Candidate List: JUNE 2022 (224) Candidate List Declared Against: JUNE 2022 (224) SVHC > Threshold: Cd (3.41% in Plating) Pb (1.2% in Pin Copper Alloy) |



Decamethylcyclopentasiloxane (D5) (5% in Insert Assembly)

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.

Halogen Content

Not Yet Reviewed for halogen content

Solder Process Capability

Not reviewed for solder process capability

Product Compliance Disclaimer

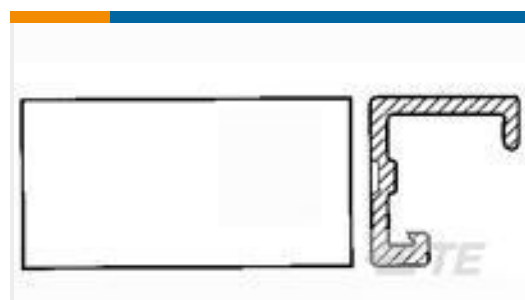
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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 # CAT-D38999-DTS24T
 D38999: Straight Plug, 25-29 Insert

Customers Also Bought



TE Part #1-640550-0
 10P MTA100 COVER



TE Part #5747713-2
 37 RCPT ACT PIN/MS MED STD



TE Part #1410964-1
 MULTIGIG RT T2 .8" BP FULL CNT



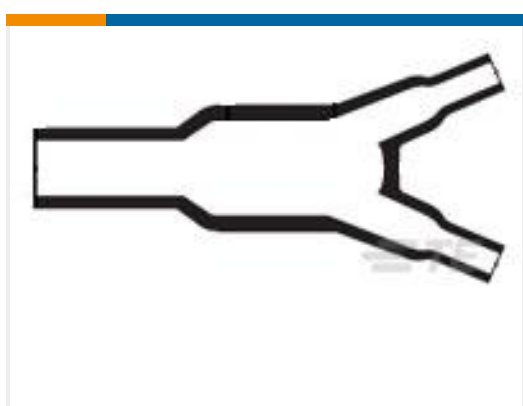
TE Part #1410966-1
 MULTIGIG RT T2 .8" BP FULL CNTR RTM SEL



TE Part #YDTS26W25-24SNV001
PLUG ASSY



TE Part #YDTS26W25-29PNV001
D38999: Straight Plug, 25-29 Insert



TE Part #511608-000
382A034-25/225-0



TE Part #1410965-1
MULTIGIG RT T2 .8" BP FULL CNT



TE Part #2364030-1
VERTRECCASSY,RIGHTEND,MULTIGIG
RT3(Sn/Pb)

Documents

Datasheets & Catalog Pages

[DEUTSCH MIL-DTL-38999 CIRCULAR CONNECTORS](#)

English