



Connectors > Circular Connectors > Standard Circular Connectors



Product Type: **Connector**

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

Number of Positions: **6**

Sealable: **Yes**

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

Features

Product Type Features

| | |
|-----------------------------------|--------------------|
| Product Type | Connector |
| Connector System | Cable-to-Panel |
| Sealable | Yes |
| Connector & Contact Terminates To | Wire & Cable |
| Shell Size | 11 |
| Shielded | Yes |
| Connector Style | Receptacle |
| Shell Type | Jam Nut Receptacle |

Configuration Features

| | |
|----------------------------|----|
| Number of Positions | 6 |
| Number of Power Positions | 0 |
| Number of Signal Positions | 6 |
| Preloaded | No |

Body Features

| | |
|------------------------|--------------------------|
| Shell Plating Material | Electroless Nickel |
| Shell Material | Aluminum 6061-T6 |
| Insulation Material | Hard Dielectric/Silicone |
| Hermetically Sealed | No |

Contact Features

| | |
|------------------------------|---------|
| Contact Current Rating (Max) | 7.5 A |
| Reverse Gender | No |
| Contact Layout Arrangement | 11 – 98 |
| Contact Type | Pin |

Mechanical Attachment

| | |
|-------------------------|-------|
| Connector Mounting Type | Panel |
| Polarization Code | N |
| Mating Alignment Type | Keyed |
| Mating Retention | With |

Housing Features

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

Dimensions

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

Usage Conditions

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

Operation/Application

| | |
|---------------------|--------|
| Circuit Application | Signal |
|---------------------|--------|

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 | ECHAによる現在の候補リスト: 2019年1月(197) 候補リストの表記: 2018年6月(191) |
| 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 Regulations, TE's information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) 'Guidance on requirements for substances in articles' (Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of 'complex object', the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA "Guidance on requirements for substances in articles" (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | **DEUTSCH 38999**



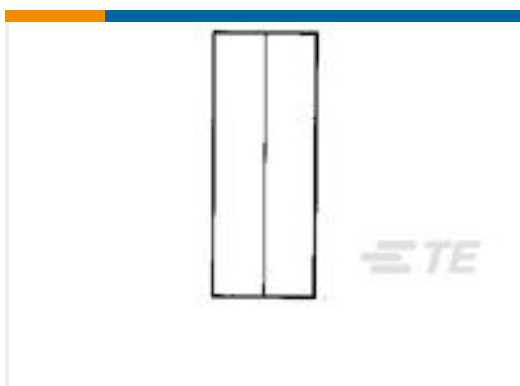
Standard Circular Connectors(2419)

Also in the Series | **DEUTSCH 38999 Series III**

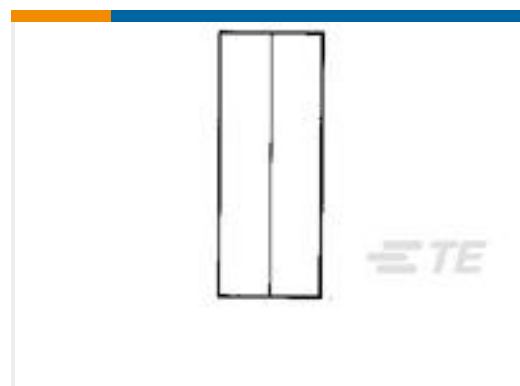


Standard Circular Connectors(16828)

Customers Also Bought



TE Part #34137-3
 SOLIS, PARA 16-14 60/40
 SN-PB



TE Part #34138-3
 SOLIS, PARA 12-10 60/40
 SN-PB



TE Part #DTS24F11-98SN
 RECP ASSY



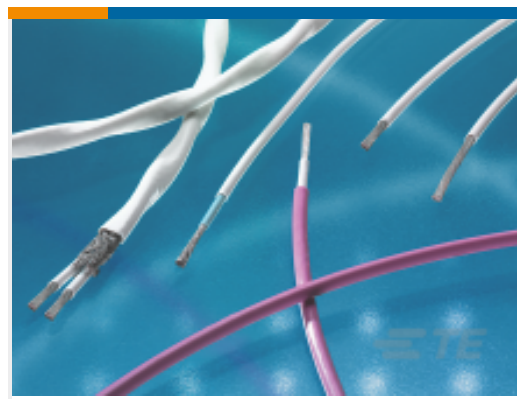
TE Part #DTS24F15-19SN
 RECP ASSY

RECP ASSY

TE Part # DTS24F11-98PN
TE Internal #: DTS24F11-98PN



TE Part #680331-000
D-609-11



TE Part #050167-000
55A4122-22-9/96-9CS2275



TE Part #DTS24F19-32SN
RECP ASSY



TE Part #
YDTS33T11NV0010000
CAP ASSEMBLY



TE Part #
YDTS33T13NV0010000
CAP ASSEMBLY



TE Part #
YDTS33T15NV0010000
CAP ASSEMBLY

Documents

Product Drawings

[RECP ASSY](#)

English

Datasheets & Catalog Pages

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

English

Product Environmental Compliance

[REACH Substance Communication Document](#)

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