DTS24Y19-35PN [V001] ✔ ACTIVE

DEUTSCH

TE Internal #: YDTS24Y19-35PNV001

TE Internal Description: HERM RECP

Mil-Spec: [D38999/23YF35PN]

View on TE.com >

Connectors > Circular Connectors > Standard Circular Connectors



Product Type: **Connector**

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

Number of Positions: **66**

Sealable: **Yes**

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

Features

Product Type Features

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

Configuration Features

Keying & Polarized Position Locations	N
Factory Installed Backshell	No
Keying	Keyway Polarization N
Number of Positions	66
Number of Power Positions	66
Preloaded	Yes

Electrical Characteristics

Operating Voltage	600 VAC
Voltage	1800 Vrms

Body Features

Peripheral Seal Material	Silicone
Environmental Protection	Yes
O-Ring Material	Silicone
Environmental Protection Type	Hermetically Sealed
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
Feedthrough Type	No
Shell Material	Stainless Steel
Insulation Material	Glass/Silicone
Hermetically Sealed	Yes

Contact Features

Contact Quantity (Size 16)	12
Contact Quantity (Size 22D)	66
Contact Quantity (Size 12)	12
Contact Layout Arrangement	J24 (25-24)
Contact Type	Pin

Mechanical Attachment

Mating Retention Type	Triple Start Threaded
Flange	Square Flange
Panel Mount Feature	With
Panel Mount Feature Type	Square Flange
Connector Mounting Type	Panel Mount
Polarization Code	N
Mating Alignment Type	Keyed
Mating Retention	With

Housing Features

Circular Connector Shell Size	J (25)
Alignment Keyed	Clocking

Dimensions

Assembly Length	34.3 mm[1.35 in]

Usage Conditions

Fluid Resistance	Yes
Operating Temperature Range	-65 – 200 °C[-85 – 392 °F]

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Power

Packaging Features

Packaging Quantity	1

Other

Position Locations Omitted	None

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	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201) Pb (1.2% in Contact's Copper Alloy)
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JAN 2020 (205) Candidate List Declared Against: JUL 2019 (201)
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.

Compatible Parts



TE Model / Part # CJ2087-000
HL2010E-KIT-120V

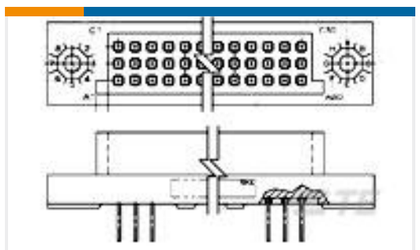


TE Model / Part # YDTS26F19-35SNV001
PLUG ASSY

Customers Also Bought



TE Model / Part #1-88637-0
018 HOUSING FFC RCPT DR 100CL



TE Model / Part #446853-5
3ROW BOX REC 165P 100CLSEALED



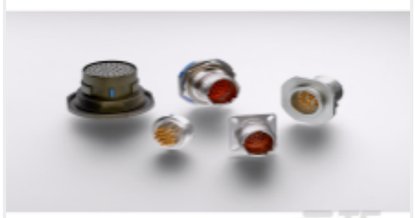
TE Model / Part #5-1617543-4
JMSCT-5XLS=M28776/3-041L



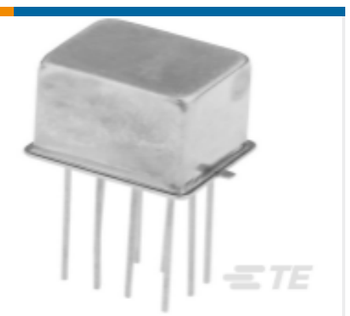
TE Model / Part #3-1617108-8
PRMSC-12X = PRMS COTS SENSITIV



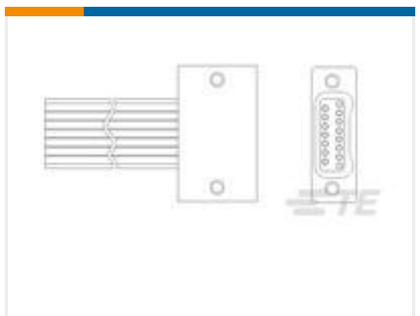
TE Model / Part #1616056-7
A400F=CONTACTOR-CONTINUOUS DUT



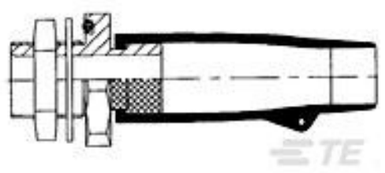
TE Model / Part #DTS24Y19-35PN
HERM RECP



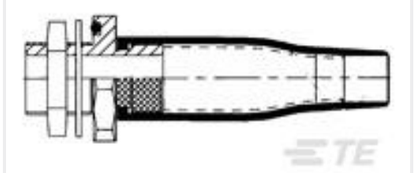
TE Model / Part #1-1617110-2
JMGST-18M = M28776/7-005M



TE Model / Part #9-1589777-0
STM025SC0DM012Q = Wdualobe



TE Model / Part #128627-000
TCFS-16-19B-020-25CE



TE Model / Part #335923-000
TCFS-24-19B-020-25CE

Documents

Product Drawings

HERM RECP

English

Datasheets & Catalog Pages

DEUTSCH DTS Series Connectors for 38999 QRG

English

Product Environmental Compliance

REACH Substance Communication Document

English