



DEUTSCH

TE Internal #: YDTS20N11-35PNV001

Standard Circular Connectors, Cable-to-Panel, 13 Position, Sealable, Wire & Cable, Signal, Electrodeposited Nickel, Stainless Steel

[View on TE.com >](#)

Connectors > Circular Connectors > Standard Circular Connectors



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

Number of Positions: **13**

Sealable: **Yes**

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

Contact Current Rating (Max): **5 A**

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	Receptacle

Configuration Features

Keying & Polarized Position Locations	N
Factory Installed Backshell	No
Keying	Keyway Polarization N
Number of Positions	13
Number of Power Positions	0
Number of Signal Positions	13
Contacts Preloaded	No

Electrical Characteristics

Operating Voltage	400 VAC
Voltage	1300 Vrms

Body Features

Peripheral Seal Material	Silicone
Environmental Protection	Yes
Feedthrough Type	No
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
Shell Plating Material	Electrodeposited Nickel
Shell Base Material	Stainless Steel
Circular Connector Insulation Material Type	Glass
Hermetically Sealed	Yes

Contact Features

Contact Quantity (Size 22D)	13
Contact Current Rating (Max)	5 A
Reverse Gender	No
Contact Layout Arrangement	B35 (11-35)
Circular Connector Contact Type	Solder Cup Pin

Mechanical Attachment

Mating Retention Type	Threaded
Panel Mount Feature	With
Panel Mount Feature Type	Square Flange
Polarization Code	N
Mating Alignment Type	Keyed

Housing Features

Circular Connector Shell Size	B (11)
Alignment Keyed	0°

Dimensions

Assembly Length	33.7 mm[1.327 in]
Wire Size	22 AWG

Usage Conditions

Fluid Resistance	Yes
------------------	-----



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

Operation/Application

Durability Rating	500 Cycles
Circuit Application	Signal

Packaging Features

Packaging Quantity	1
--------------------	---

Other

Position Locations Omitted	0
----------------------------	---

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 2022 (223) Candidate List Declared Against: JUL 2021 (219) SVHC > Threshold: Not Yet Reviewed
Halogen Content	Not Yet Reviewed for halogen content
Solder Process Capability	Not reviewed for solder process capability

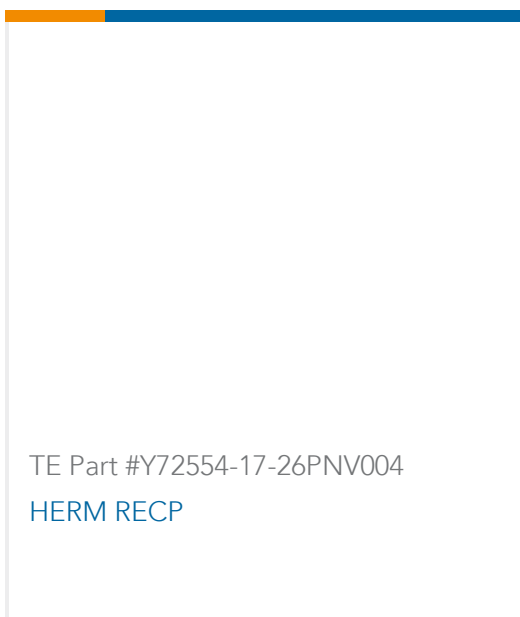
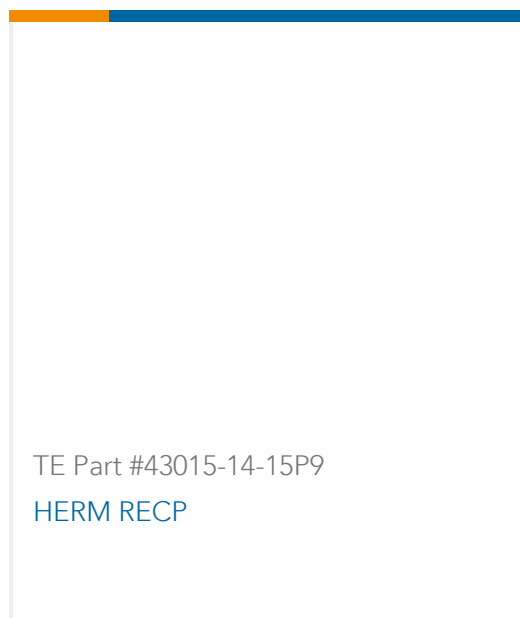
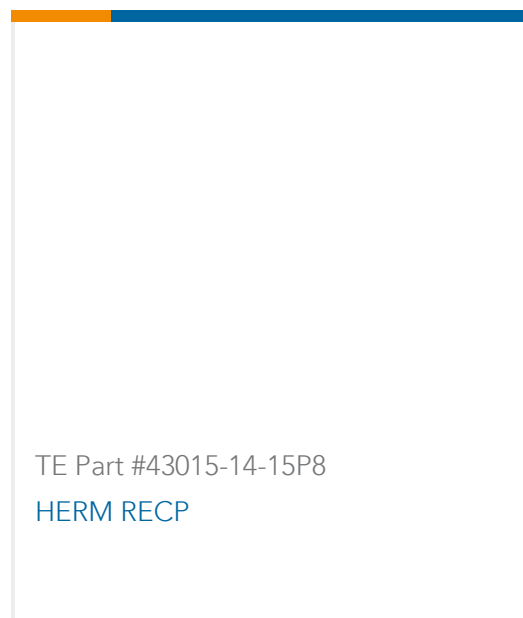
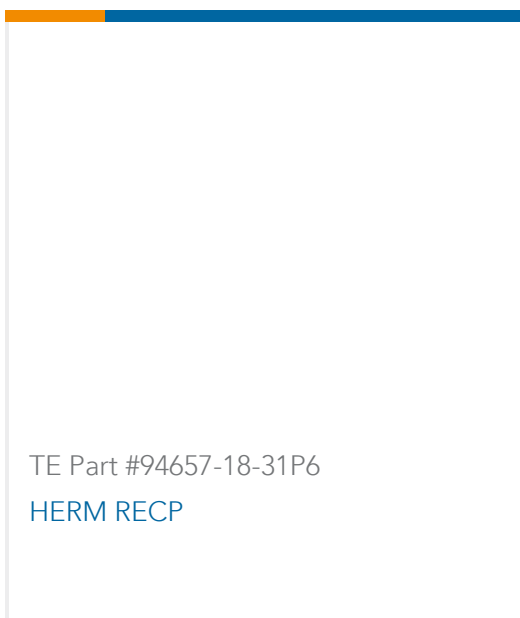
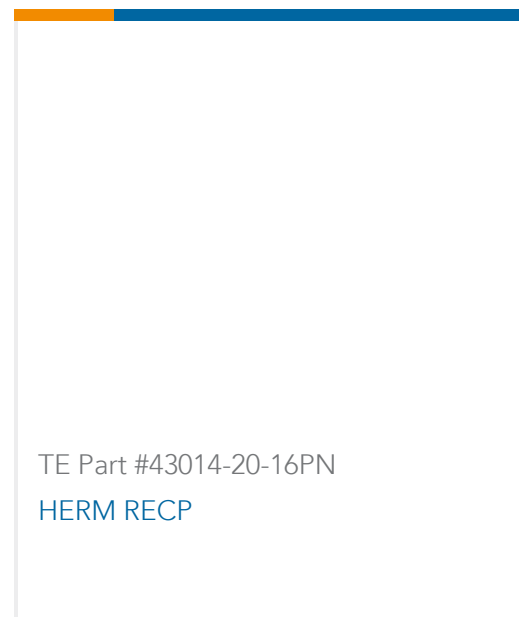
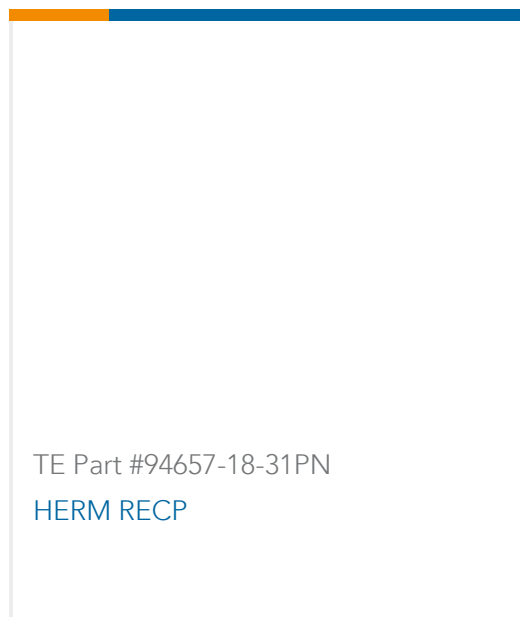
Product Compliance Disclaimer

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



Customers Also Bought



Documents

Product Drawings

HERM RECP

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_YDTS20N11-35PNV001_A.2d_dxf.zip



English

Customer View Model

[ENG_CVM_CVM_YDTS20N11-35PNV001_A.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_YDTS20N11-35PNV001_A.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[DEUTSCH DTS Series Connectors for 38999 QRG](#)

English

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

English