

FDBA-53H-12-8-PN-K-A5819

✓ ACTIVE

DEUTSCH | DEUTSCH FDBA

TE Internal #: ZPF000000000200053

Circular Connector Receptacle, Stainless Steel, Code N,  
Hermetically Sealed, Insert Clocking Alignment Keyed, Solder  
Receptacle, Pin, DEUTSCH FDBA

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Connectors > Circular Connectors > Standard Circular Connectors



Shell Base Material: **Stainless Steel**  
Polarization Code: **N**  
Hermetically Sealed: **Yes**  
Circular Connector Type: **Circular Connector Receptacle**  
Contact Layout Arrangement: **12 – 8**

Features

Product Type Features

Connector Product Type	Connector Assembly
Circular Connector Type	Circular Connector Receptacle
Shell Type	Solder Receptacle

Body Features

Shell Base Material	Stainless Steel
Hermetically Sealed	Yes

Contact Features

Contact Layout Arrangement	12 – 8
Circular Connector Contact Type	Pin

Mechanical Attachment

Polarization Code	N
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Housing Features

Alignment Keyed	Insert Clocking
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Usage Conditions

Operating Temperature Range	-67 – 392 °C
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Product Compliance



For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2025 (250) Candidate List Declared Against: JAN 2025 (247) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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



Also in the Series | DEUTSCH FDBA



[Standard Circular Connectors\(1077\)](#)

Customers Also Bought



TE Part #114017-ZZ  
[SEALING PLUG, SIZE 12/16, WHT](#)



TE Part #CAT-D48-ST273  
[DEUTSCH Connector Solid Contacts](#)



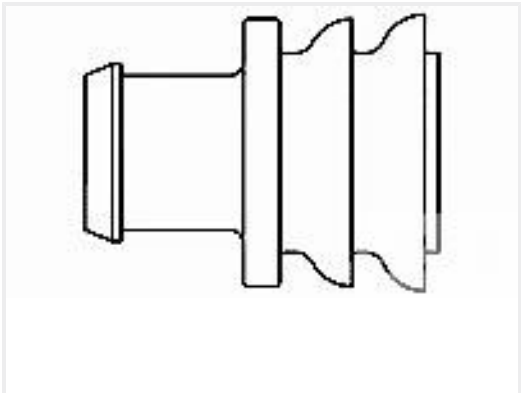
TE Part #CAT-D487-W416  
[Wedgelocks: DEUTSCH DT](#)



TE Part #DT06-2S  
[PLG, 2P, GRY, N](#)



TE Part #DT04-2P  
[REC, 2P, GRY, N](#)



TE Part #281934-2  
[SINGLE WIRE SEAL](#)



TE Part #CAT-AM71-CH8172  
[AMP SUPERSEAL 1.5MM, CONNECTOR HOUSING](#)

Documents

[Product Drawings](#)  
[FDBA 53H 12-8 PN-K-A5819](#)  
English

[Datasheets & Catalog Pages](#)  
[DEUTSCH 983 Series](#)  
English