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ZPF1000000000008316

983-6R 10-05 SN-L



DEUTSCH | DEUTSCH 983 Series

TE Internal #: **ZPF1000000000008316**TE Internal Description: **983-6R 10-05 SN-L**Mil-Spec: **EN2997R61005BN**Alias #: **983-6R 10-05 SN-L-EN2997R61005BN**Product Type : **Connector**Connector System : **Wire-to-Panel**Number of Positions : **5**Sealable : **Yes**Connector & Contact Terminates To : **Wire &
Cable**[Similar Products](#) | [Digital Datasheet](#)[Compatible Parts & Tooling](#)**We are here to help!**

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Feedback

Documents

Features

Product Compliance

Product Drawings

983-6R 10-05 SN-L

[983-6R 10-05 SN-L](#) English

CAD Files

3D PDF

[3D_CVM_CVM_ZPF1000000000008316_1.pdf](#)

3D

Customer View Model

[ENG_CVM_CVM_ZPF1000000000008316_1.2d_dxf.zip](#)

p English

[ENG_CVM_CVM_ZPF1000000000008316_1.3d_igs.zip](#)

p English

[ENG_CVM_CVM_ZPF1000000000008316_1.3d_stp.zip](#)

p English

Datasheets &
Catalog Pages

DEUTSCH 983 Series

[ENG_DS_1-1773883-7_deutsch983_1216.pdf](#)

English

Please review product documents or [contact us](#) for the latest agency approval information. Please Note: Use the Product Drawing for all design activity.



Product Type Features	Assembly Type : Electrical Connector Product Type : Connector Connector System : Wire-to-Panel Sealable : Yes Connector & Contact Terminates To : Wire & Cable Shell Size : 10 Shielded : No Connector Style : Plug Shell Type : Plug Prewired : No Accessory Color : Natural
Configuration Features	Number of Positions : 5 Number of Power Positions : 0 Number of Signal Positions : 5 Preloaded : No Keying : Keyway Polarization N Factory Installed Backshell : Without
Body Features	Shell Plating Material : Nickel Shell Material : Aluminum Insulation Material : Thermoset Hermetically Sealed : No
Contact Features	Contact Current Rating (Max) (A): 7.5 Reverse Gender : No Contact Layout Arrangement : 10 – 5 Contact Type : Less Socket
Termination Features	Termination Method to Wire & Cable : Crimp
Mechanical Attachment	Mating Alignment Type : Keyed Mating Retention : With Mating Alignment : With Flange : Without Mating Retention Type : Threaded
Housing Features	Alignment Keyed : Clocking
Dimensions	Wire Size (AWG): 20 – 24 Wire Size (mm²): .2 – .52
Usage Conditions	Operating Temperature Range : -65 – 200 °C [-85 – 392 °F]
Operation/Application	Circuit Application : Power & Signal & Data Durability Rating (Cycles): 500
Industry Standards	Approved Standards : EN2997

EU RoHS
Directive
2011/65/EU

This declaration covers EU Directive 2011/65/EU incl. Delegated Directive 2015/863/EU. The restrictions under 2015/863/EU apply as of 22 July 2021 for EEE categories 8 (medical devices) and 9 (monitoring and control equipment).

EU ELV Directive
2000/53/EC

China RoHS 2
Directive MIIT
Order No 32, 2016

EU REACH
Regulation (EC)
No. 1907/2006

Current ECHA Candidate List: **JUL 2019 (201)**
Candidate List Declared Against: **JAN 2019 (197)**

Halogen Content

Solder Process
Capability

Not reviewed for solder process capability

Statement of
Compliance

[Statement of Compliance](#) pdf

Compliance
Documents

There may be Environmental Compliance related documents on the [DOCUMENTATION Tab](#)

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.

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THIS PRODUCT

STANDARD CIRCULAR CONNECTORS
ZPF100000000008316
983-6R 10-05 SN-L



Non-Stocked

Product Type : **Connector**
Connector System : **Wire-to-Panel**
Number of Positions : **5**
Sealable : **Yes**
Connector & Contact Terminates To : **Wire & Cable**

TOP RESULTS ?

STANDARD CIRCULAR CONNECTORS
ZPF100000000008319
983-6R 10-06 SN-L



Non-Stocked

Product Type : **Connector**
Connector System : **Wire-to-Panel**
Number of Positions : **6**
Sealable : **Yes**
Connector & Contact Terminates To : **Wire & Cable**

STANDARD CIRCULAR CONNECTORS
ZPF100000000008077
983-6K 10-05 SN-L



Non-Stocked

Product Type : **Connector**
Connector System : **Wire-to-Device**
Number of Positions : **5**
Sealable : **Yes**
Connector & Contact Terminates To : **Wire & Cable**

STANDARD CIRCULAR CONNECTORS
983-6K 10-05 SN-L
983-6K 10-05 SN-L



Non-Stocked

Product Type : **Connector**
Connector System : **Wire-to-Device**
Number of Positions : **5**
Sealable : **Yes**
Connector & Contact Terminates To : **Wire & Cable**

Also in the Series | [DEUTSCH 983 Series](#)



Standard Circular Connectors (3164)

