

2366494-1 ✓ ACTIVE

DEUTSCH | DEUTSCH NTSEAL

TE Internal #: 2366494-1

48 Position Housing, Plug, Wire-to-Wire, 1.75 mm [.068 in]

Centerline, Sealable, Black, Wire & Cable, Cable Mount (Free-Hanging), DEUTSCH NTSEAL

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Connectors > Automotive Connectors > Automotive Housings



Number of Positions: **48**

Connector & Housing Type: **Plug**

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

Centerline (Pitch): **1.75 mm [.068 in]**

Sealable: **Yes**

Features

Contact Features

Contact Size	Size 16, Size 20
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Mechanical Attachment

Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Cable Mount (Free-Hanging)

Product Type Features

Connector Shape	Rectangular
Mixed & Hybrid Connector	Yes
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	Yes
Primary Locking Feature	Locking Lance
Connector & Contact Terminates To	Wire & Cable

Configuration Features



Number of Positions	48
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Number of Rows	6
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Body Features

Primary Product Color	Black
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Connector & Keying Code	A
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Housing Features

Centerline (Pitch)	1.75 mm [.068 in]
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Usage Conditions

Operating Temperature (Max)	125 °C [257 °F]
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Operating Temperature Range	-40 – 125 °C [-40 – 257 °F]
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Other

Connector Position Assurance Capable	Yes
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EU RoHS Compliance	Compliant
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EU ELV Compliance	Compliant
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Product Compliance

[For compliance documentation, visit the product page on TE.com>](#)

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
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China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
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EU REACH Regulation (EC) No. 1907/2006	<p>Current ECHA Candidate List: JUNE 2024 (241)</p> <p>Candidate List Declared Against: JUNE 2024 (241)</p> <p>SVHC > Threshold:</p> <p>Octamethylcyclotetrasiloxane (D4) (.5% in Component Part)</p> <p>Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part)</p> <p>Decamethylcyclopentasiloxane (D5) (.5% in Component Part)</p>
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Article Safe Usage Statements:

Wash thoroughly after handling. Recycle if possible and dispose of the article by following all applicable governmental regulations relevant to your geographic location.

Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
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Solder Process Capability	Not reviewed for solder process capability
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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



TE Part # 2366509-1
48POS, HYBRID, PIN HSG ASSY, SLD, COD A



TE Part # 2378521-1
BACKSHELL, CONN KIT



TE Part # 2378527-1
BACKSHELL, CONN KIT



TE Part # 2373921-3
CVTY PLUG, PIN DIA 2.5, CVTY DIA, 2.5, BLU



TE Part # 2373921-4
CVTY PLUG, PIN DIA 1.6, CVTY DIA, 2.0, GRN



TE Part # 2-2366509-1
48POS, HYBRID, PIN HSG ASSY, SLD, COD A

Also in the Series | DEUTSCH NTSEAL



Automotive Housings(68)



Connector Backshells(7)



Connector Seals & Cavity Plugs(8)



Other Automotive Connector Accessories(6)

Customers Also Bought



Documents

Product Drawings

[48POS,HYBRID,SOC HSG ASSY,SLD,COD A](#)

English

[48POS,HYBRID,SOC HSG ASSY,SLD,COD A](#)

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2366494-1_C.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2366494-1_C.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2366494-1_C.3d_stp.zip](#)

English

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



Datasheets & Catalog Pages

[NTSEAL Sealed Wire-to-Wire Connectors](#)

English

Product Specifications

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English