



Automotive Parts > Automotive Connectors > Automotive Housings > NTSEAL Socket Housings for Female Terminals.



Nominal Voltage Architecture: 12 V, 24 V

Connector & Housing Type: Plug

Number of Positions: 48

Sealable: Yes

Operating Temperature Range: -40 – 125 °C [-40 – 257 °F]

[All NTSEAL Socket Housings for Female Terminals. \(28\)](#)

Features

Product Type Features

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

Configuration Features

Number of Positions	48
Number of Rows	6

Electrical Characteristics

Nominal Voltage Architecture	12 V, 24 V
------------------------------	------------



Body Features

Primary Product Color	Green
Connector & Keying Code	C

Contact Features

Contact Size	Size 16, Size 20
--------------	------------------

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	1.75 mm[.068 in]
--------------------	------------------

Usage Conditions

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

Other

Connector Position Assurance Capable	Yes
--------------------------------------	-----

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: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Octamethylcyclotetrasiloxane (D4) (.5% in Component Part) Dodecamethylcyclohexasiloxane (D6) (.5% in Component Part) Decamethylcyclopentasiloxane (D5) (.5% in Component Part) 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	BFR/CFR/PVC Free, but Br/Cl >900 ppm in



other sources.

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



TE Part # CAT-J58-NBAC
NTSEAL connector Backshells and Caps



TE Part # CAT-J58-NHMT
NTSEAL Pin Housings for Male Terminals.



TE Part # CAT-J58-NCP
NTSEAL Connector Cavity Plugs for Unused Cavities

Also in the Series | DEUTSCH NTSEAL



Automotive Housings(84)



Automotive Seals & Cavity Plugs(5)



Connector Seals & Cavity Plugs(5)



Other Automotive Connector Accessories(10)

Customers Also Bought



TE Part #HD10-9-96P-BE09
REC, 9P, GRY, N, PANEL, 16



TE Part #2-1670901-1
12POS,AMP MCP2.8,REC HSG,ASSY



TE Part #CAT-J58-NHFT
NTSEAL Socket Housings for Female Terminals.



TE Part #CAT-J58-NHMT
NTSEAL Pin Housings for Male Terminals.



TE Part #2366517-1
[FIX RING,CONN KIT](#)



TE Part #2378527-1
[BACKSHELL,CONN KIT](#)

Documents

Product Drawings

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

English

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

English

CAD Files

[3D PDF](#)

3D

Customer View Model

[ENG_CVM_CVM_2366494-3_C.2d_dxf.zip](#)

English

Customer View Model

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

English

Customer View Model

[ENG_CVM_CVM_2366494-3_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