1-2350891-2 ✔ ACTIVE

DEUTSCH | DEUTSCH NTSEAL

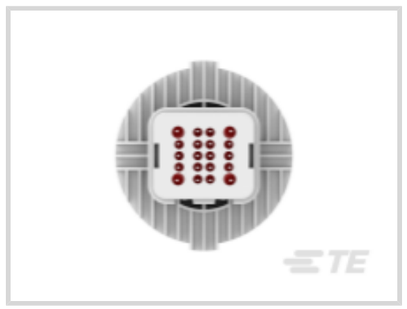
TE Internal #: 1-2350891-2

Housing for Male Terminals, Wire-to-Wire, 20 Position, 3.5 mm [.138 in] Centerline, Sealable, Gray, Wire & Cable, Power, DEUTSCH NTSEAL

View on TE.com >

Connectors > Automotive Connectors > Automotive Housings




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

Number of Positions: **20**

Connector & Housing Type: **Housing for Male Terminals**

Centerline (Pitch): **3.5 mm [.138 in]**

Sealable: **Yes**

Features

Product Type Features

Mixed & Hybrid Connector	Yes
Connector Shape	Rectangular
Connector System	Wire-to-Wire
Connector & Housing Type	Housing for Male Terminals
Sealable	Yes
Connector & Contact Terminates To	Wire & Cable
Primary Locking Feature	Integrated in Housing

Configuration Features

Number of Positions	20
Number of Rows	5

Electrical Characteristics

Nominal Voltage Architecture	24 V

Body Features

Primary Product Color	Gray

Connector & Keying Code	B

Contact Features

Contact Size	Size 16, Size 20
Contact Type	Pin
Mating Pin Diameter	1 mm, 1.55 mm[.039 in][.061 in]
Contact Current Rating (Max)	13 A

Mechanical Attachment

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

Housing Features

Centerline (Pitch)	3.5 mm[.138 in]

Usage Conditions

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

Operation/Application

Circuit Application	Power

Other

Connector Position Assurance Capable	No

Product Compliance

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

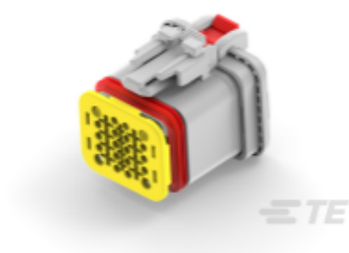
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) SVHC > 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	Low Halogen - Br, Cl, F, I < 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 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

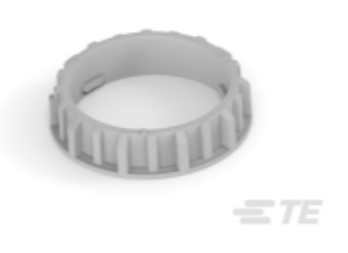
Compatible Parts



TE Part # 2350890-2
20POS,HYBRID,SOC HSG ASSY,SLD, COD B



TE Part # 2350943-1
FIX RING,CONN KIT



TE Part # 2350943-2
FIX RING,CONN KIT



TE Part # 2350943-3
FIX RING,CONN KIT



TE Part # 2350943-4
FIX RING,CONN KIT



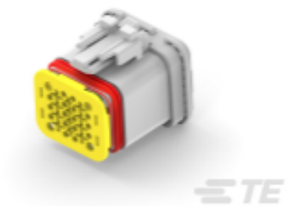
TE Part # 2357302-2
BACKSHELL,CONN KIT



TE Part # 2357921-1
BACKSHELL,CONN KIT



TE Part # 2373921-1
CVTY PLUG,PIN DIA 2.5,CVTY DIA,2.5, GRY



TE Part # 1-2350890-2
20POS,HYBRID,SOC HSG ASSY,SLD, COD B



TE Part # 2373921-2
CVTY PLUG,PIN DIA 1.6,CVTY DIA,1.9, YEL

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



TE Part #2-1418448-1
3 POS AMP MCP1.5k REC. HSG COD



TE Part #2350890-1
20POS,HYBRID,SOC HSG ASSY,SLD, COD A



TE Part #2350890-2
20POS,HYBRID,SOC HSG ASSY,SLD, COD B



TE Part #2365741-1
2POS,TAB5.8X0.8,HDR ASSY,180DEG



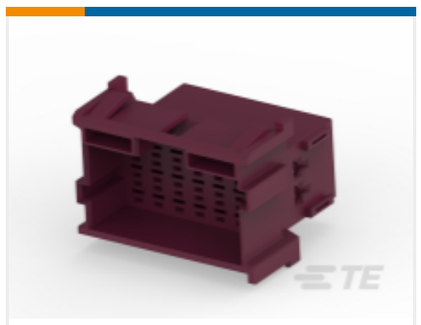
TE Part #2-2393304-1
15POS,AMP MCP 2.8,REC HSG, UNSLD,COD B



TE Part #2379922-2
21POS,AMP MCP 2.8,TAB HSG, UNSLD,COD B



TE Part #3-2393304-1
15POS,AMP MCP 2.8,REC HSG, UNSLD,COD C



TE Part #4-2445760-1
21POS,2.8X0.8,TAB HSG,UNSLD,COD D



TE Part #5-2445760-1
21POS,2.8X0.8,TAB HSG,UNSLD,COD E

TE Part #2322347-4
12POS,HYBRID,REC HSG,UNSLD, COD 3

Documents

Product Drawings

20POS,HYBRID,PIN HSG ASSY,SLD,COD B

English

20POS,HYBRID,PIN HSG ASSY,SLD,COD B

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2350891-2_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2350891-2_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2350891-2_A.3d_stp.zip

English

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Product Specifications

Application Specification

English

Agency Approvals

UL Report

English

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

TE Connectivity:

1393431-1 175977-2 2005330-1 2377783-2 CPF0402B37K4E1 U5254-000005-030PA 1743455-2 SBCHE64R7K SMW73R0JT 1-962915-1 2310537-1 RH73H2A40MKTN ROX05SJ18R 1-794222-0 2834055-1 141991-2 1969656-1 3-1393225-0 3430B2F51RTDF 650075-000 936348-1 SBCHE154R7K 1903112-2 TE50BR39J 3631B101LL 917696-1 MPT100C18RF 2-292161-3 2380312-2 CRGCQ2010J3K3