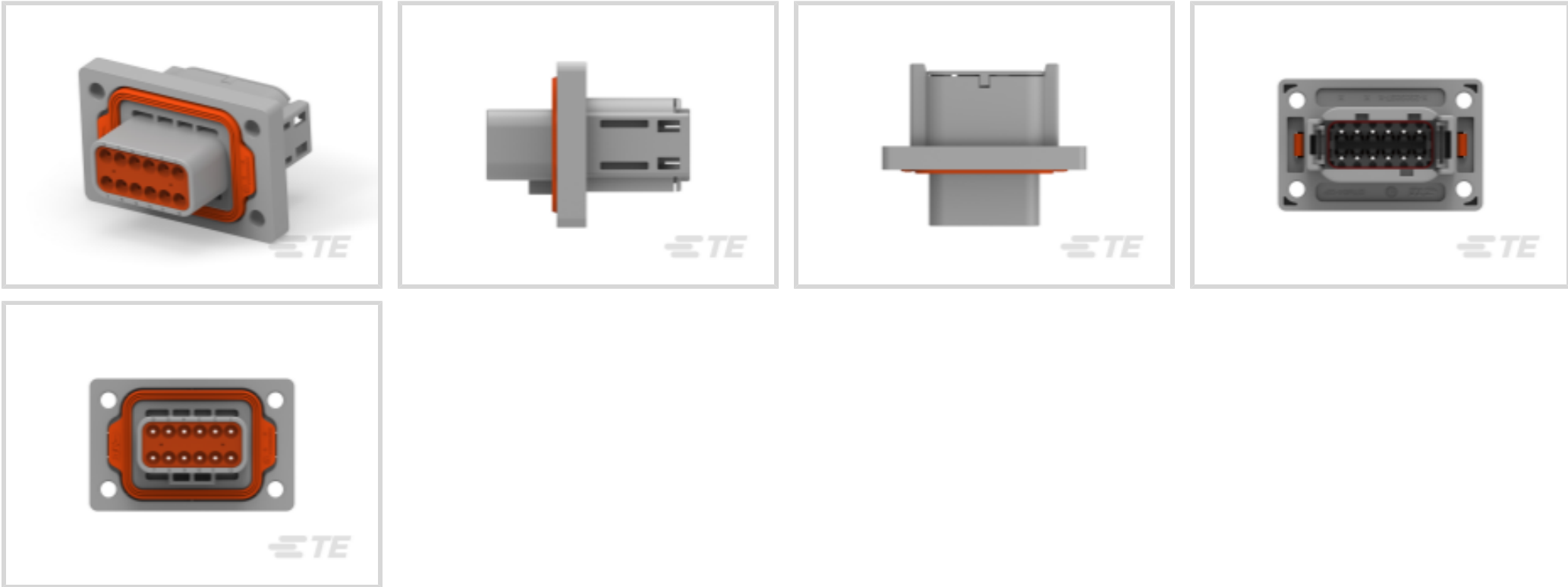




Automotive Parts > Automotive Connectors > Automotive Housings



Nominal Voltage Architecture: 12 V

Connector & Housing Type: Receptacle

Number of Positions: 12

Sealable: Yes

Operating Temperature Range: -55 – 125 °C [-67 – 257 °F]

Features

Product Type Features

Mixed & Hybrid Connector	No
Connector Shape	Rectangular
Connector & Housing Type	Receptacle
Sealable	Yes
Primary Locking Feature	Integrated in Housing
Connector System	Wire-to-Panel
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Blank Cavity Position	0
Number of Positions	12
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VDC
Nominal Voltage Architecture	12 V



Body Features

Cable Exit Angle	180 °
Primary Product Color	Gray
Connector & Keying Code	A

Contact Features

Contact Size	Size 20
Contact Type	Socket
Mating Pin Diameter	1 mm[.039 in]
Contact Current Rating (Max)	7.5 A

Mechanical Attachment

Strain Relief	Without
Terminal Position Assurance	No
Mating Alignment Type	Keyed
Mating Alignment	With
Connector Mounting Type	Panel Mount

Housing Features

Housing Material	PA GF
Centerline (Pitch)	4.19 mm[.164 in]

Dimensions

Row-to-Row Spacing	7.1 mm[.279 in]
Compatible Insulation Diameter Range	3 mm[.118 in]
Product Width	43.7 mm[1.72 in]
Product Length	55.1 mm[2.17 in]
Connector Height	35.6 mm[1.4 in]
Wire Size	20 – 16 AWG

Usage Conditions

Operating Temperature Range	-55 – 125 °C[-67 – 257 °F]
Operating Temperature (Max)	125 °C[257 °F]

Operation/Application

Circuit Application	Signal
---------------------	--------

Industry Standards

IP Rating	IP68, IP6K9K
-----------	--------------



UL Flammability Rating	UL 94V-0
------------------------	----------

Packaging Features

Packaging Quantity	240
Packaging Method	Carton

Other

Serviceable	No
Connector Position Assurance Capable	No

Product Compliance

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

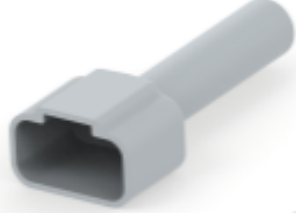
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	有害物质含量符合标准要求 No Restricted Substance(s) Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: FEB 2026 (253) Candidate List Declared Against: JUNE 2025 (250) SVHC > Threshold: Decamethylcyclopentasiloxane (D5) (.5% in Component) Octamethylcyclotetrasiloxane (D4) (.5% in M-11264-1) Dodecamethylcyclohexasiloxane (D6) (.5% in Component) 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	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

Product Compliance Disclaimer

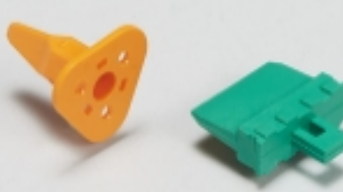
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight 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-D48-ST273 DEUTSCH Connector Solid Contacts	 TE Part # CAT-D485-CH8172 DEUTSCH DTM Housings	 TE Part # WM-12P WEDGE LOCK, 12P, REC, ORG, DTM	 TE Part # 2340679-1 TPA PIN HSG,12POS,DIA 1MM
 TE Part # 1028-034-1205 BKSHL, 12P, BLK, REC, ST, NW 13/17	 TE Part # DTM12P-DC PROTECT CVR, 12P, REC, GRY, DTM	 TE Part # DTM12P-BT BOOT, 12P, REC, ST, GRY	 TE Part # CAT-D48-SP729 DEUTSCH Sealing Plugs
 TE Part # CAT-D48-SFT273 DEUTSCH Connector Stamped and Formed Contacts - Reel	 TE Part # DT-RT1 EXT TOOL, FRONT RELEASE	 TE Part # DTM12P-BT-BK BOOT, 12P, REC, ST, BLK	

Also in the Series | DEUTSCH DTM

 Automotive Connector Locks & Position Assurance(87)	 Automotive Housings(765)	 Connector Seals & Cavity Plugs(18)	 Other Automotive Connector Accessories(27)
--	---	---	---

Also in the Series | DEUTSCH DT



Automotive Headers(96)



Automotive Housings(765)



Automotive Seals & Cavity Plugs(18)



Infotainment & Multimedia Cable Assemblies(1)



Insertion & Extraction Tools(3)



Other Automotive Connector Accessories(27)

Customers Also Bought



TE Part #BKA186N00420200000
923 EXTENSION, SPEEDTEC-READY



TE Part #AGC139N00001215000
623 RECEPTACLE ANGLED
ROTATABLE



TE Part #ASA014F11610235000
623 PLUG



TE Part #WM-12P
WEDGE LOCK, 12P, REC, ORG, DTM



TE Part #CGE271N00000091000
940 RECEPTACLE ANGLED,
ROTATABLE,SP-READY



TE Part #AGC874N0000150A000
617 RECEPTACLE ANGLED
ROTATABLE



TE Part #AGC874N0000151A000
617 RECEPTACLE ANGLED
ROTATABLE



TE Part #1-2303064-2
12POS,STAMPED 20,PIN HSG ASSY,
SLD,COD 2



TE Part #2356394-1
2POS, MCON 1.2 CB REC 2p TL
UNSEALED



TE Part #61-0197-011-P00
CONTACT PIN 2 MM

Documents



Product Drawings

12POS,STAMPED 20,PIN HSG ASSY,SLD,COD 1

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-2303064-1_A.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1-2303064-1_A.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-2303064-1_A.3d_stp.zip

English

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

Datasheets & Catalog Pages

DEUTSCH DTM SEALED FLANGE RECEPTACLE

English

Product Specifications

Application Specification

English