2232570-1 ✔ ACTIVE

TE Internal #: 2232570-1

6 Position, Plug, Housing, Wire-to-Wire, UL 94V-0, 2.5 mm [.098 in] Centerline, 2 Row, 250 VAC, Wire & Cable, Signal, Cable Mount (Free-Hanging)

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > STD Temp Sig GRACE INERTIA Plug



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

UL Flammability Rating: **UL 94V-0**

Number of Positions: **6**

All STD Temp Sig GRACE INERTIA Plug (63)

Features

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Plug
Connector System	Wire-to-Wire
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	6
Number of Rows	2

Electrical Characteristics

Operating Voltage	250 VAC

Body Features

Primary Product Color	Natural

Contact Features

Contact Layout	Matrix
Contact Type	Socket

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	Glass-Filled PBT

Dimensions

Connector Width	15.3 mm[.602 in]
Connector Height	15.3 mm[.602 in]
Connector Length	11.2 mm[.44 in]
Row-to-Row Spacing	7.6 mm[.299 in]

Usage Conditions

Operating Temperature Range	-30 – 105 °C[-22 – 221 °F]

Operation/Application

Circuit Application	Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

Compatible With Agency/Standards Products	UL
Compatible With Approved Standards Products	UL E28476
Glow Wire Rating	Standard Part - Not Glow Wire
UL Flammability Rating	UL 94V-0

Packaging Features

Packaging Method	Bag
Packaging Quantity	1250

Product Compliance

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

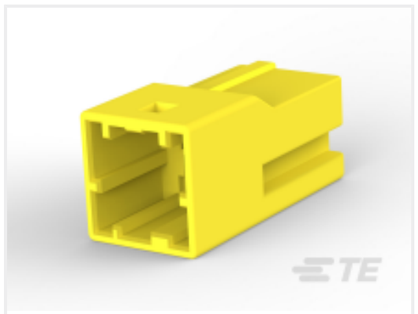
EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant

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: JUNE 2025 (250) Candidate List Declared Against: JUNE 2025 (250) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not reviewed for solder process capability

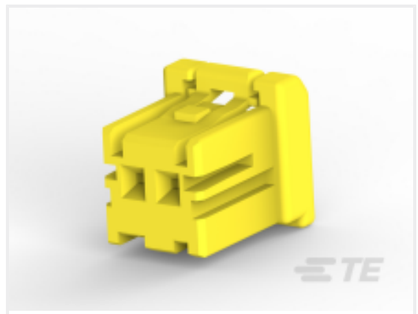
Product Compliance Disclaimer

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-G7534A-C1701
STD Temp Sig GRACE INERTIA Cap



TE Part # CAT-G7534A-P729
STD Temp Sig GRACE INERTIA Plug



TE Part # 2315883-1
GIC2.5W PLUG HOUSING 8POS (2-ROW) NAT

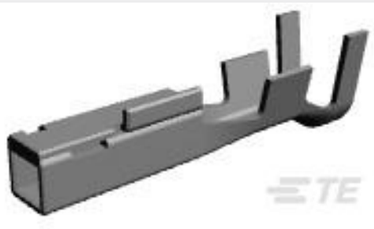
Customers Also Bought



TE Part #350777-4
02P UMNL PLUG HSG UL94V0



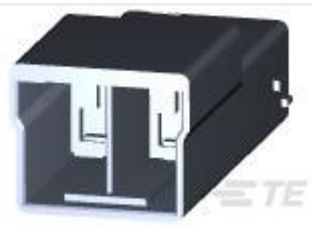
TE Part #1-1473074-3
DYNAMIC D2100 REC HSG W/O LOCK



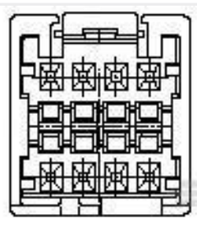
TE Part #1565079-1
GRACE INERTIA 3.5 REC CONTACT(L)



TE Part #CAT-G7534-P729
STD Temp GRACE INERTIA Plug



TE Part #1746977-1
GRACE INERTIA CONNECTOR 6.2 MM PITCH 2P C



TE Part #1981970-1
GIC2.5W PLUG HOUSING 8POS (2-ROW) NAT



TE Part #2232569-1
GIC 2.5 W PLUG HSG 4P NATURAL



TE Part #2391828-3
ECONOMY POWER 2.5 PLUG HOUSING, 3P



TE Part #2441710-2
TPA SOC HSG,2POS,CSS SIZE 16

Documents

CAD Files

3D PDF

3D

Customer View Model
ENG_CVM_CVM_2232570-1_A.2d_dxf.zip

English

Customer View Model
ENG_CVM_CVM_2232570-1_A.3d_igs.zip

English

Customer View Model
ENG_CVM_CVM_2232570-1_A.3d_stp.zip

English

By downloading the CAD file I accept and agree to the Terms and Conditions of use.

Datasheets & Catalog Pages

1-1773883-5 GRACE INERTIA connector quick reference guide

English

Product Specifications

Application Specification

English

Agency Approvals

UL Report

English