4-1971905-7 ✔ ACTIVE

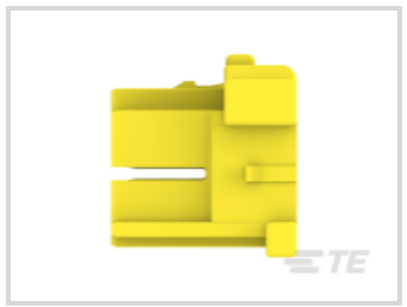
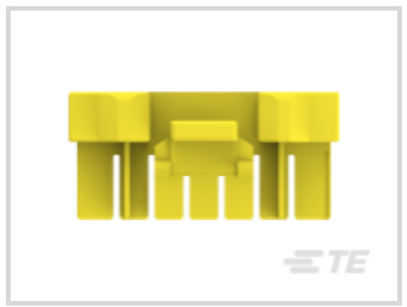
GRACE INERTIA | GRACE INERTIA 3.3

TE Internal #: 4-1971905-7

14 Position, Plug, Housing, Crimp, Wire-to-Board, Tin (Sn), UL 94V-0, 3.3 mm [.129 in] Centerline, 2 Row, 250 VAC, Wire & Cable, GRACE INERTIA 3.3

View on TE.com >

Connectors > Rectangular Connectors > Standard Rectangular Connectors > Glow Wire GRACE INERTIA Plug



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

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

Contact Mating Area Plating Material: **Tin (Sn)**

Contact Retention Within Housing: **With**

All Glow Wire GRACE INERTIA Plug (78)

Features

Product Type Features

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

Configuration Features

Number of Positions	14
Number of Rows	2
Number of Power Positions	14
Number of Signal Positions	14

Electrical Characteristics

Operating Voltage	250 VDC

Body Features

Primary Product Color	Yellow

Contact Features

Multiple Contact Types	Without
Contact Mating Area Plating Material	Tin (Sn)
Contact Retention Within Housing	With
Contact Type	Receptacle
Contact Current Rating (Max)	4 A
Contact Mating Area Plating Material Thickness	2 µm[78.73 µin]

Termination Features

Termination Method to Wire & Cable	Crimp

Mechanical Attachment

Connector Mounting Type	Cable Mount (Free-Hanging)

Housing Features

Centerline (Pitch)	3.3 mm[.129 in]
Housing Material	PA 66 GF

Dimensions

Connector Width	12.4 mm
Row-to-Row Spacing	5.2 mm[.205 in]
Wire Size	414.44 – 1045.97 CMA

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal

Identification Marking

Circuit Identification Feature	Without

Industry Standards

Compatible With Agency/Standards Products	UL
UL Flammability Rating	UL 94V-0
Glow Wire Rating	GWT 750°C (Without Flame)

Packaging Features

Packaging Quantity	800
Packaging Method	Bag

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 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

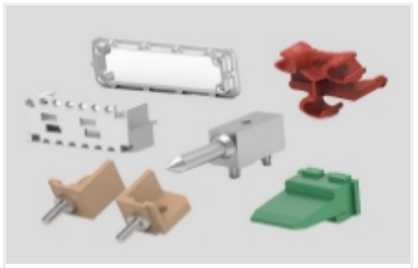


TE Part # CAT-G7534-P729A
Glow Wire GRACE INERTIA Plug

Also in the Series | GRACE INERTIA 3.3



Connector Contacts(3)



Connector Hardware(15)



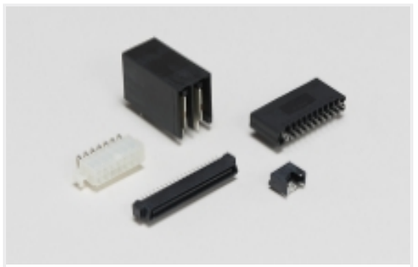
Power Contacts(3)



Rectangular Connector Housings(34)



Rectangular Power Connectors(70)



Standard Rectangular Connectors(34)



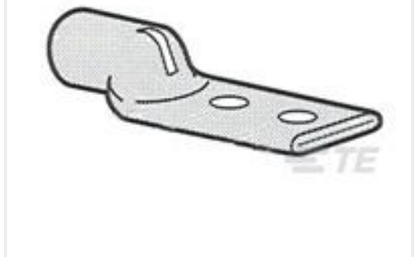
Wire-to-Board Connector Assemblies & Housings(34)

Customers Also Bought

TE Part #EC9833-000
ZHD-SCE-3.2-50-S1-4



TE Part #ASA158F12390235000
623 PLUG



TE Part #55992-1
TERMINAL,AMPOWER R 2/0 5/16



TE Part #1-1415543-5
RTE44110



TE Part #1614770-4
BDS 2 A 250 10R 10%



TE Part #ZPF000000000205373
PLUG MALE ANG.90 CAL.20 - FXP



TE Part #ZPF000000000136485
RECEPTACLE MALE FOR 12 PINS, CAL1,6



TE Part #YZ-KC-212751A-PY00
TOOL DISMOUNTING - FXP2



TE Part #ZPF000000000205378
CONTACT MALE ANG.90, CAL20, 120MM2 - FXP



TE Part #ZPF000000000205388
CONTACT FEMALE CAL.20, M12 - FXP

Documents

Product Drawings

PLUG HOUSING 14POS,KEYING-D,NEW GIC3.3

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_4-1971905-7_C.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_4-1971905-7_C.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_4-1971905-7_C.3d_stp.zip

English

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

Datasheets & Catalog Pages

GI3.3_QRG_CN

Product Specifications

Application Specification

English