1-1903390-2 ACTIVE

GRACE INERTIA 2.5

TE Internal #: 1-1903390-2

Rectangular Connector Housings, Wire-to-Wire, 4 Position, .098 in [2.5 mm] Centerline, 1 Row, PBT GF, Plug, Socket, Wire & Cable,

GRACE INERTIA 2.5

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Connectors > Rectangular Connectors > Rectangular Connector Housings > STD Temp Sig GRACE INERTIA Plug











Connector System: Wire-to-Wire

Number of Positions: 4

Centerline (Pitch): 2.5 mm [.098 in]

Number of Rows: 1

Housing Material: PBT GF

All STD Temp Sig GRACE INERTIA Plug (63)

Features

Product Type Features

Connector System	Wire-to-Wire
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Configuration Features	
Number of Cavities	4
Number of Positions	4
Number of Rows	1
Electrical Characteristics	
Operating Voltage	250 VAC
Contact Features	
Contact Layout	Inline



Contact Type	Socket
Mechanical Attachment	
Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Features	
Housing Color	Red
Centerline (Pitch)	2.5 mm[.098 in]
Housing Material	PBT GF
Dimensions	
Connector Height	11 mm[.433 in]
Product Width	9.6 mm[.378 in]
Product Length	13.7 mm[.539 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	
Glow Wire Rating	Standard Part - Not Glow Wire
Packaging Features	
Packaging Quantity	1000
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 2023 (235) Candidate List Declared Against: JUNE 2023 (235) Does not contain REACH SVHC



Halogen Content	Not Low Halogen - contains Br or Cl > 900
	ppm.

Solder Process Capability

Not applicable 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-P729
STD Temp Sig GRACE INERTIA Plug



TE Part # 2-1903393-3 GIC 2.5 W CAP HSG 4P BLUE



TE Part # 1-1903393-2 GIC 2.5 W CAP HSG 4P RED





Also in the Series | GRACE INERTIA 2.5



Connector Contacts(6)



Connector Hardware(7)



PCB Headers & Receptacles(138)



Rectangular Connector Housings(49)





Rectangular Power Connectors(35)

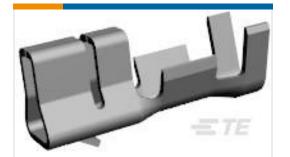


Wire-to-Board Connector Assemblies & Housings(46)

Customers Also Bought



TE Part #917700-1 2.5 SIGNAL D/LOCK D.L.P 4P



TE Part #917684-1
2.5 SIGNAL DBL LOCK REC CONT M



TE Part #2301242-1
PDL CONN. 3.96MM PITCH PLUG
HOUSING 6POS



TE Part #1969453-1
POSITIVE LOCK 250 HOUSING
RECEPTACLE



TE Part #1-2351101-5 5P MONOPLUG 2.5



TE Part #1376477-7
2.5MM PITCH SIGNAL MATE CONN

TE Part #2-2232701-1
NEW GI CONN2.5 PLUG HSG 2P NC

TE Part #1-2452953-3
3P POTTED RAST 2.5 HEADER



TE Part #2331088-1 250 PL MII HSG.,REC.,13MM 2P, NATURAL

TE Part #2365219-1 250 FASTON,TAB,TPBR

Documents

Product Drawings

GIC 2.5 W PLUG HSG 4P RED

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-f.2d_dxf.zip

Rectangular Connector Housings, Wire-to-Wire, 4 Position, .098 in [2.5 mm] Centerline, 1 Row, PBT GF, Plug, Socket, Wire & Cable, GRACE INERTIA 2.5



English

Customer View Model

ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1-1903390-2_F_c-1-1903390-2-f.3d_stp.zip

English

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

Product Specifications

Application Specification

English