

GRACE INERTIA 2.5

TE Internal #: 1554296-1

Rectangular Connector Housings, Wire-to-Board, 5 Position, .098 in

[2.5 mm] Centerline, 1 Row, Nylon 66 GF, Plug, Socket, GRACE

INERTIA 2.5

View on TE.com >



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











Connector System: Wire-to-Board

Number of Positions: 5

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

Number of Rows: 1

Housing Material: Nylon 66 GF

All STD Temp Sig GRACE INERTIA Plug (63)

Features

Product Type Features

Connector System	Wire-to-Board
Connector & Housing Type	Plug
Sealable	No
Connector & Contact Terminates To	Wire & Cable
Connector Type	Housing
Product Type	Connector
Configuration Features	
Number of Cavities	5
Number of Positions	5
Number of Rows	1
Preloaded	No

Electrical Characteristics



Contact Layout Inline Multiple Contact Types Without Shunts/Shorting Bars Without Contact Type Socket Mechanical Attachment Panel Mount No Panel Mount Feature Without Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Centerline (Fitch) 2.5 mm,098 in Housing Material Nylon 66 GF Housing Material Nylon 66 GF Housing Color Natural Dimensions Height 11.3 mm[.445 in] Length 14.6 mm[.3/5 in] Width 7.65 mm[.301 in] Usage Conditions Operating Temperature Range 30 – 105 °C[22 – 221 °F] Operation/Application Assembly Integration Feature Without Halogen Free No Circuit Application Signal For Usa With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL UL 1914-90 Packaring Features	perating Voltage	50 VDC
Multiple Contact Types Shunts/Shorting Bars Contact Type Socket Mechanical Attachment Panel Mount Panel Mount Panel Mount [Feature Without Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Centerline (Pitch) 2.5 mm [.098 in] Housing Material Nylon 66 GF Housing Color Natural Dimensions Height 11.3 mm [.445 in] Length 11.6 mm [.575 in] Width 7.65 mm [.301 in] Usage Conditions Operating Temperature Range 30 – 105 "Cl. 22 – 221 "F] Operating/Application Assembly Integration Feature Halogen Free No Circuit Application For Use With Header Identification Marking Circuit Identification Feature Industry Standards Agency/Standard UI Flammability Rating UI 94V-0	tact Features	
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Usage Conditions Operating Temperature Range -30 – 105 °C[-22 – 221 °F] Operation/Application Assembly Integration Feature Without Halogen Free No Circuit Application Signal For Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0	ngth	14.6 mm[.575 in]
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Circuit Application Signal For Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0	sembly Integration Feature	Without
For Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0	logen Free	No
Identification Marking Circuit Identification Feature UL UL Flammability Rating Without UL UL 94V-0	cuit Application	Signal
Circuit Identification Feature Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0	r Use With	Header
Industry Standards Agency/Standard UL UL Flammability Rating UL 94V-0	ntification Marking	
Agency/Standard UL UL Flammability Rating UL 94V-0	rcuit Identification Feature	Without
UL Flammability Rating UL 94V-0	ıstry Standards	
	gency/Standard	UL
Packaging Features	. Flammability Rating	UL 94V-0
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Packaging Quantity	500
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 2022 (224) Candidate List Declared Against: JUNE 2022 (224) 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





Also in the Series | GRACE INERTIA 2.5









PCB Headers & Receptacles(138)



PCB Latches, Locks & Retainers(5)



Rectangular Connector Housings(49)



Rectangular Connector Locking(2)



Rectangular Power Connectors(35)



Wire-to-Board Connector Assemblies & Housings(72)



Documents

Product Drawings

GI CONN 2.5 PLUG HSG 5P LEVER SPECIAL

Japanese

GI CONN 2.5 PLUG HSG 5P LEVER SPECIAL

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1554296-1_B_c-1554296-1-b.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1554296-1_B_c-1554296-1-b.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1554296-1_B_c-1554296-1-b.3d_stp.zip

English

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Product Specifications

Application Specification

English

Product Environmental Compliance

Product Compliance

English

Rectangular Connector Housings, Wire-to-Board, 5 Position, .098 in [2.5 mm] Centerline, 1 Row, Nylon 66 GF, Plug, Socket, GRACE INERTIA 2.5



Product Compliance

English