1971030-4 ACTIVE

GRACE INERTIA 2.0

TE Internal #: 1971030-4

Rectangular Connector Housings, Wire-to-Board, 4 Position, .079 in

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

INERTIA 2.0

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











Connector System: Wire-to-Board

Number of Positions: 4

Centerline (Pitch): 2 mm [.079 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	4
Number of Positions	4
Number of Rows	1
Preloaded	No

Electrical Characteristics



Height 7.9 mm[.311 in] Length 9.54 mm[.375 in] Width 6.75 mm[.266 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 Use With Header Identification Marking Circuit Identification Feature Without Without	Operating Voltage	50 VDC
Multiple Contact Types Shunts/Shorting Bars Contact Type Sacket Mechanical Attachment Panel Mount Panel Mount Feature Connector Mounting Type Contect Type Contact Type Connector Mounting Type Connector Mounting Type Contact Type Contact Type Contact Type Contact Type Contact Type Connector Mounting Type Contact Type Connector Mounting Type Contact Type Contact Type Contact Type Contact Type Connector Mounting Color Contact Type Contact Type Contact Type Connector Mounting Color Contact Type Contact Type Contact Type Connector Mounting Color Contact Type Contact	Contact Features	
Shunts/Shorting Bars Contact Type Socket Mechanical Attachment Panel Mount Panel Mount Feature Connector Mounting Type Housing Features Centerline (Pitch) Housing Material Housing Color Dimensions Height Length Width Sof Smm(.375 in] Width Usage Conditions Operating Temperature Range Operating Temperature Range Operating Application Assembly Integration Feature No Circuit Application For Use With Identification Feature Without Industry Standards Agency/Standards Agency/Standards No No Without Without Without Header	Contact Layout	Inline
Mechanical Attachment Panel Mount Panel Mount Feature Connector Mounting Type Centerline (Fitch) Housing Material Housing Color Natural Panel Mont It ousing Color Dimensions Height Langth Width Sage Conditions Operating Temperature Range Operating Temperature Range Operating Temperature Range Operation/Application Assembly Integration Feature Halogen Free Circuit Application For Use With Identification Marking Circuit Identification Feature Industry Standards Agency/Standard Agency/Standard Mithout Mo No Operation Signal Circuit Identification Feature Industry Standards Agency/Standard Mithout Mithou	Multiple Contact Types	Without
Mechanical Attachment Panel Mount Panel Mount Feature Connector Mounting Type Cable Mount (Free Hanging) Housing Features Centerline (Pitch) Phousing Material Housing Color Natural Panel Mount Feature Nylon 66 GF Natural Dimensions Height Panel Mount (Free Hanging) Width Phousing Material Nylon 66 GF Natural Natural Dimensions Height Panel Mount (Free Hanging) Nylon 66 GF Natural Nylon 66 GF Natural Notatival Panel Mount (Free Hanging) Nylon 66 GF Natural Notatival Panel Mount (Free Hanging) Nylon 66 GF Natural Notatival Panel Mount (Free Hanging) Notatival Panel Mount (Free Hanging) Notatival Panel Mount (Free Hanging) Panel Mount (Free Han	Shunts/Shorting Bars	Without
Panel Mount Feature Without Connector Mounting Type Cable Mount (Free-Hanging) Housing Features Centerline (Pitch) 2 mm[.079 in] Housing Material Nylon 66 GF Housing Color Natural Dimensions Height 7,9 mm[.311 in] Length 9,54 mm[.375 in] Width 6,75 mm[.266 in] Usage Conditions Operating Temperature Range 30 – 105 °C 22 – 221 °F Coperating Application Assembly Integration Feature Middle Mid	Contact Type	Socket
Panel Mount Feature Connector Mounting Type Conterline (Pitch) Conterl	Mechanical Attachment	
Connector Mounting Type Housing Features Centerline (Pitch) Housing Material Mylon 66 GF Housing Color Natural Dimensions Height 1,9 mm[,311 in] Length 9,54 mm[,375 in] Width 6,75 mm[,266 in] Usage Conditions Operating Temperature Range Operating Temperature Range Operation/Application Assembly Integration Feature Halogen Free No Circuit Application For Use With Identification Feature Mithout Mithout Header Identification Feature Mithout	Panel Mount	No
Centerline (Pitch) 2 mm[.079 in] Housing Material Nylon 66 GF Housing Color Natural Dimensions Height 7.9 mm[.311 in] Length 9.54 mm[.375 in] Width 6.75 mm[.266 in] Usage Conditions Operating Temperature Range 30 – 30 – 105 °C[-22 – 221 °F] Operation/Application Assembly Integration Feature No Circuit Application Signal For Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL	Panel Mount Feature	Without
Centerline (Pitch) Housing Material Nylon 66 GF Housing Color Natural Dimensions Height 7.9 mm[.311 in] Length 9.54 mm[.375 in] Width 6.75 mm[.266 in] Usage Conditions Operating Temperature Range Operation/Application Assembly Integration Feature Halogen Free No Circuit Application Signal For Use With Header Identification Marking Circuit Identification Feature Mithout Mithout Haloger Feature Without Header Identification Marking Circuit Identification Feature Mithout Mit	Connector Mounting Type	Cable Mount (Free-Hanging)
Housing Material Housing Color Natural Dimensions Height 1,9 mm[,311 in] Length 9,54 mm[,375 in] Width 6,75 mm[,266 in] Usage Conditions Operating Temperature Range Operating Temperature Range Operation/Application Assembly Integration Feature Halogen Free No Circuit Application For Use With Identification Marking Circuit Identification Feature Industry Standards Agency/Standard Natural 7,9 mm[,311 in] 6,79	Housing Features	
Housing Color Dimensions Height 7.9 mm[.311 in] Length 9.54 mm[.375 in] Width 6.75 mm[.266 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 Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL	Centerline (Pitch)	2 mm[.079 in]
Height 7.9 mm[.311 in] Length 9.54 mm[.375 in] Width 6.75 mm[.266 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 Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL	Housing Material	Nylon 66 GF
Height 7.9 mm[.311 in] Length 9.54 mm[.375 in] Width 6.75 mm[.266 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 Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL	Housing Color	Natural
Length 9.54 mm[.375 in] Width 6.75 mm[.266 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 Use With Header Identification Marking Circuit Identification Feature Without Use Without Header Header Use Without Use Without Use Mithout U	Dimensions	
Width 6.75 mm[.266 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 Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard ULL	Height	7.9 mm[.311 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 Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard ULL	Length	9.54 mm[.375 in]
Operation/Application Assembly Integration Feature Halogen Free No Circuit Application For Use With Identification Marking Circuit Identification Feature Mithout Header Header Without Header UlL	Width	6.75 mm[.266 in]
Operation/Application Assembly Integration Feature Without Halogen Free No Circuit Application For Use With Header Identification Marking Circuit Identification Feature Mithout Industry Standards Agency/Standard UL	Usage Conditions	
Assembly Integration Feature Halogen Free No Circuit Application For Use With Header Identification Marking Circuit Identification Feature Mithout UL	Operating Temperature Range	-30 - 105 °C[-22 - 221 °F]
Halogen Free No Circuit Application Signal For Use With Header Identification Marking Circuit Identification Feature Without Industry Standards Agency/Standard UL	Operation/Application	
Circuit Application For Use With Identification Marking Circuit Identification Feature Mithout Industry Standards Agency/Standard UL	Assembly Integration Feature	Without
For Use With Identification Marking Circuit Identification Feature Mithout Industry Standards Agency/Standard UL	Halogen Free	No
Identification Marking Circuit Identification Feature Ul Agency/Standard UL	Circuit Application	Signal
Circuit Identification Feature Industry Standards Agency/Standard UL	For Use With	Header
Industry Standards Agency/Standard UL	Identification Marking	
Agency/Standard UL	Circuit Identification Feature	Without
	Industry Standards	
UL Flammability Rating UL 94V-0	Agency/Standard	UL
	UL Flammability Rating	UL 94V-0



Packaging Quantity	400
Packaging Method	Package

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 2.0







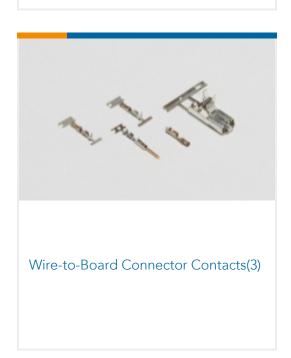
Rectangular Connector Housings (20)



Standard Rectangular Connectors(18)



Wire-to-Board Connector Assemblies & Housings(1)



Documents

Product Drawings

4POS Plug housing for GIC 2.0 EV Series

English

CAD Files

3D PDF

3D

Customer View Model

ENG_CVM_CVM_1971030-4_F_c-1971030-4-f.2d_dxf.zip

English

Customer View Model

ENG_CVM_CVM_1971030-4_F_c-1971030-4-f.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_1971030-4_F_c-1971030-4-f.3d_stp.zip

English

Rectangular Connector Housings, Wire-to-Board, 4 Position, .079 in [2 mm] Centerline, 1 Row, Nylon 66 GF, Plug, Socket, GRACE INERTIA 2.0



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Product Specifications

Product Specification

English