

GIC 3.3 HDR ASSY BLUE WITH KINK

✓ ACTIVE

Grace Inertia | GRACE INERTIA 3.3

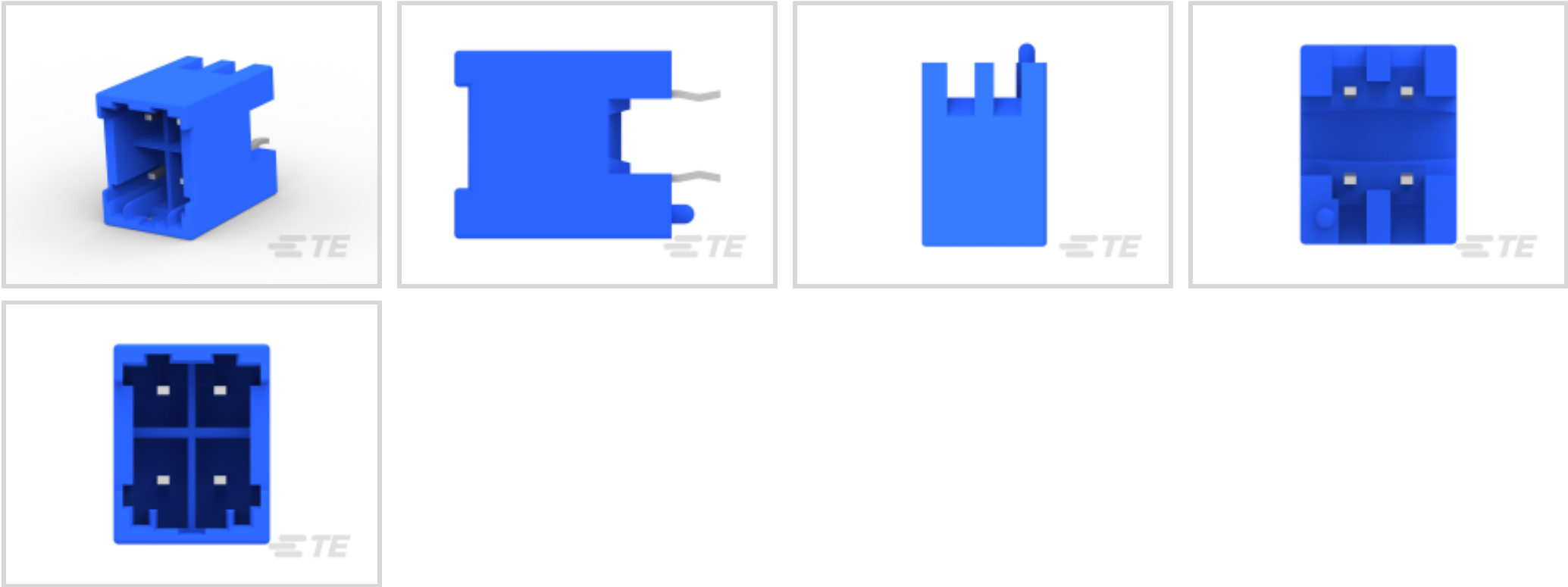
TE Part # 2-1827391-1

TE Internal #: 2-1827391-1

[View on TE.com >](#)



Connectors > Power Connectors > Rectangular Power > Rectangular Power Connectors



Product Type: **Header Assembly**
Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **4**
Centerline (Pitch): **3.3 mm [.129 in]**

Features

Product Type Features

Product Type	Header Assembly
Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Printed Circuit Board
Contact Type	Tab

Configuration Features

Number of Positions	4
PCB Mount Orientation	Vertical
Number of Power Positions	4
Number of Signal Positions	4
Number of Rows	2
Row-to-Row Spacing	5.2 mm[.205 in]

Electrical Characteristics

Operating Voltage	250 VDC
-------------------	---------



Contact Features

Contact Current Rating (Max)	4 A
Contact Retention	With
Contact Termination Area Plating Material	Tin
Contact Mating Area Plating Material	Tin
Contact Mating Area Plating Thickness	.8 µm[31.49 µin]

Termination Features

Termination Method to Printed Circuit Board	Through Hole - Solder
---	-----------------------

Mechanical Attachment

Connector Mounting Type	Board Mount
-------------------------	-------------

Housing Features

Centerline (Pitch)	3.3 mm[.129 in]
UL Flammability Rating	UL 94V-0
Housing Color	Blue
Housing Material	Nylon 6/6 GF

Dimensions

Wire Size	414.44 – 1045.97 CMA
-----------	----------------------

Usage Conditions

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

Operation/Application

Circuit Application	Power & Signal
---------------------	----------------

Industry Standards

Glow Wire Rating	GWT 750°C (Without Flame)
------------------	---------------------------

Packaging Features

Packaging Method	Box & Tray
------------------	------------

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: JAN 2019 (197)
Candidate List Declared Against: JAN 2019 (197)

Halogen Content

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

Solder Process Capability

Wave solder capable to 265°C

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 Regulations, TE’s information on SVHC in articles for this part number is still based on the European Chemical Agency (ECHA) ‘Guidance on requirements for substances in articles’(Version: 2, April 2011), applying the 0.1% weight on weight concentration threshold at the finished product level. TE is aware of the European Court of Justice ruling of September 10th, 2015 also known as O5A (Once An Article Always An Article) stating that, in case of ‘complex object’, the threshold for a SVHC must be applied to both the product as a whole and simultaneously to each of the articles forming part of its composition. TE has evaluated this ruling based on the new ECHA “Guidance on requirements for substances in articles” (June 2017, version 4.0) and will be updating its statements accordingly.

Also in the Series | GRACE INERTIA 3.3

Customers Also Bought

GIC 3.3 HDR ASSY BLUE WITH KINK

TE Part # 2-1827391-1
TE Internal #: 2-1827391-1





TE Part #2-1971030-8
8POS Plug Housing for
GIC 2.0 EV Series



TE Part #2-1971904-4
TPA 8POS,NEW GIC3.3



TE Part #2-2150035-2
OCEAN-2.0-APPLICATOR-
E-080F130FA



TE Part #2-2151118-1
OCEAN_2.0_Applicator-S-
055F100F



TE Part #2-2151261-1
OCEAN_2.0_APPLICATOR-
S-090F140F



TE Part #3-1971030-8
8POS Plug Housing for
GIC 2.0 Series

Documents

Product Drawings

GIC 3.3 HDR ASSY BLUE WITH KINK

English

CAD Files

Customer View Model

ENG_CVM_CVM_2-1827391-1_F.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_2-1827391-1_F.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_2-1827391-1_F.3d_stp.zip

English

Product Specifications

GRACE INERTIA CONNECTOR 3.3 W-B

Japanese

Product Specification

Japanese