

2-1747050-4 ✓ ACTIVE



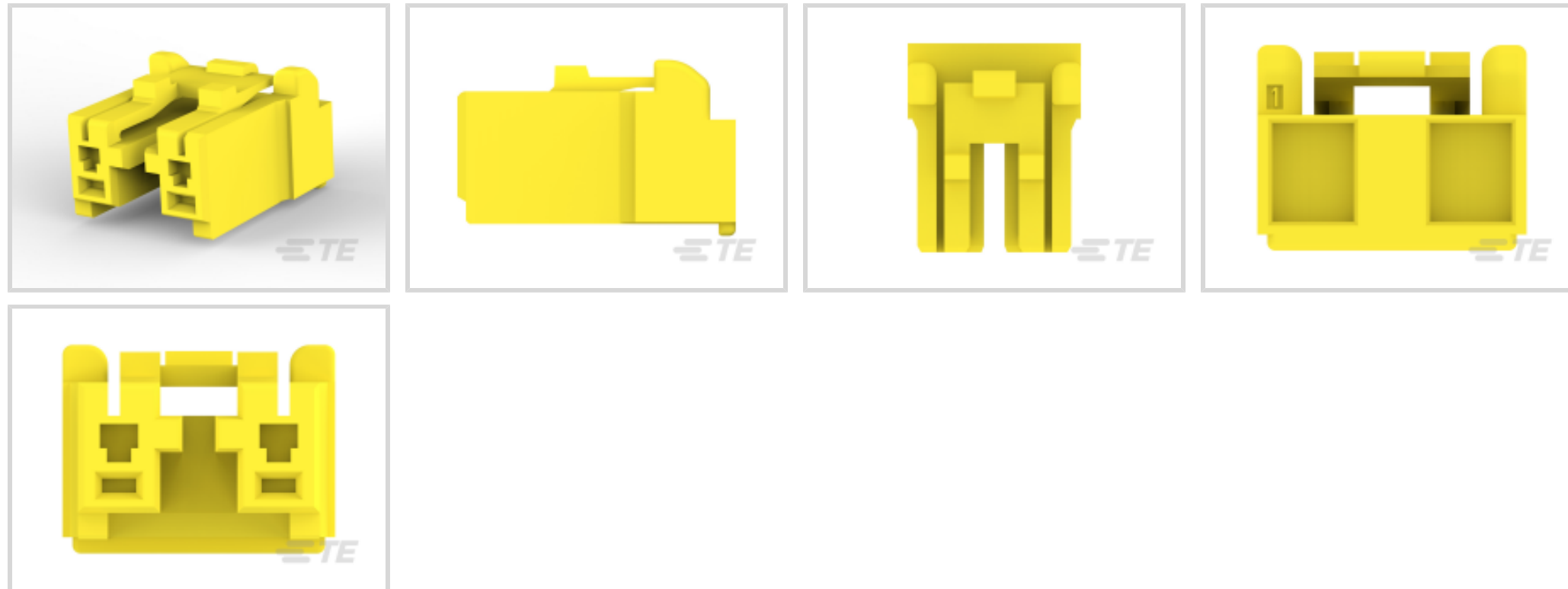
GRACE INERTIA 7.92

TE Internal #: 2-1747050-4

Rectangular Power Connectors, Housing, Plug, Wire-to-Board, 2 Position, 7.92 mm [.312 in] Centerline, Wire & Cable, UL 94V-0, GRACE INERTIA 7.92

[View on TE.com >](#)

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



Rectangular Power Connector Type: **Housing**

Connector & Housing Type: **Plug**

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

Number of Positions: **2**

Centerline (Pitch): **7.92 mm [.312 in]**

[All Glow Wire GRACE INERTIA Plug \(78\)](#)

Features

Product Type Features

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

Configuration Features

| | |
|----------------------------|---|
| Number of Positions | 2 |
| Number of Power Positions | 2 |
| Number of Signal Positions | 2 |
| Number of Rows | 1 |

Electrical Characteristics

| | |
|-------------------|---------|
| Operating Voltage | 300 VDC |
|-------------------|---------|



Contact Features

| | |
|--|---|
| Multiple Contact Types | Without |
| Contact Mating Area Plating Material | Tin |
| Contact Current Rating (Max) | 10 A |
| Contact Retention Within Housing | With |
| Contact Type | Receptacle |
| Contact Mating Area Plating Material Thickness | .8 μm [31.5 μin] |

Termination Features

| | |
|------------------------------------|-------|
| Termination Method to Wire & Cable | Crimp |
|------------------------------------|-------|

Mechanical Attachment

| | |
|-------------------------|----------------------------|
| Connector Mounting Type | Cable Mount (Free-Hanging) |
|-------------------------|----------------------------|

Housing Features

| | |
|--------------------|------------------|
| Centerline (Pitch) | 7.92 mm[.312 in] |
| Housing Color | Yellow |
| Housing Material | Nylon 6/6 GF |

Dimensions

| | |
|-----------|----------------------|
| Wire Size | 434.18 – 2723.46 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

| | |
|------------------------|---------------------------|
| UL Flammability Rating | UL 94V-0 |
| Glow Wire Rating | GWT 750°C (Without Flame) |

Packaging Features

| | |
|--------------------|------|
| Packaging Quantity | 1500 |
| 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: JAN 2023 (233) 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 7.92



Rectangular Power Connectors(39)

Customers Also Bought



TE Part #2238007-1
TERMINAL, PIN, LANCELESS, 22-26 AWG, EP2



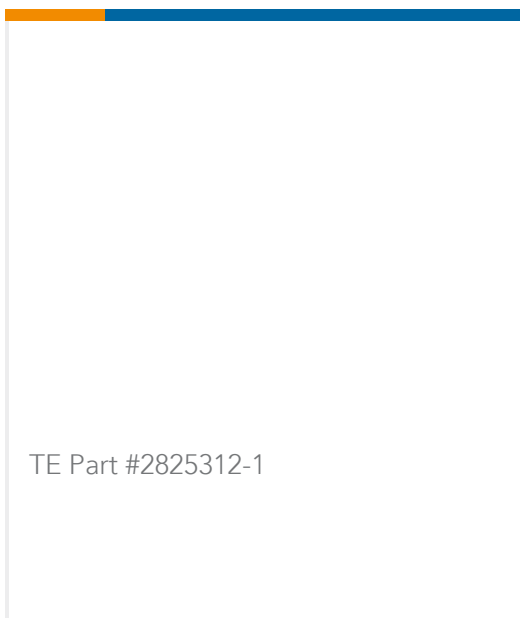
TE Part #175193-1
187 PL EX FLAG REC. 22-16AWG PTBR



TE Part #1-1747050-1
Glow Wire GRACE INERTIA Plug



TE Part #5-2295787-7
STD TIMER PLUG HSG 7P W/EXT. LOCKING-SP



TE Part #2825312-1



TE Part #2825313-1

Documents

Product Drawings

[GIC 7.92 2POS PLUG YELLOW KEYING C](#)

English

CAD Files

Customer View Model

[ENG_CVM_CVM_2-1747050-4_F.2d_dxf.zip](#)

English

3D PDF

3D

Customer View Model

[ENG_CVM_CVM_2-1747050-4_F.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_2-1747050-4_F.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.



Product Specifications

5.0 POWER KEY CONNECTOR

Japanese

Application Specification

Japanese

Product Environmental Compliance

Product Compliance

English

Product Compliance

English