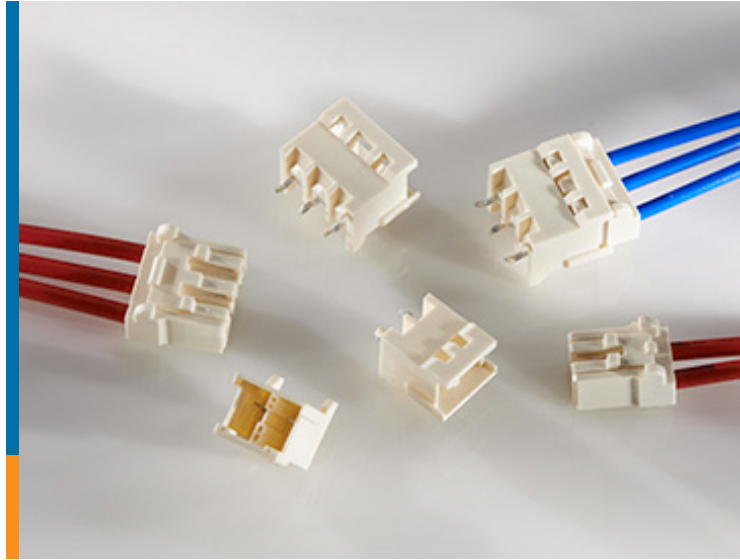


Introducing
6.0 mm
GRACE INERTIA
CONNECTOR
2 and 3 Positions, Wire-to-Board



6.0 mm GRACE INERTIA

2 and 3 Positions, Wire-to-Board

TE Connectivity (TE)'s new GRACE INERTIA connector brings its error-proofing, locking design to 10A wire-to-board connections in 2 and 3 position configurations in a space-saving 6.0 mm centerline pitch. GRACE INERTIA connectors are designed to prevent contact between receptacle contacts and header contacts when improper mating is attempted.

Additionally, the design employs inertia force that assists in mating the connector, preventing half mating. The 6.0 mm pitch delivers medium power connections in a more compact design.

Electrical

- Voltage Rating: 300 VAC or VDC
- Current Rating: Up to 10 amps maximum

Mechanical

- 2 and 3 positions, wire-to-board
- Centerline pitch: 6.0 mm (.236 in)
- Wire Gauge: 24-16 AWG [.22-1.25 mm²]

Materials

- Housing: 6/6 nylon (glass filled) rated UL 94 V-0
- Contacts: Tin plated copper alloy
- Operating temperature: -40°C to 105°C

Standards

- UL recognized, File No. E28476

Specifications

- Product specification: 108-106193
- Application specification: 114-5292

Applications

- Appliances
 - Air conditioners
 - Refrigerators
 - Washing machines
- Industrial equipment
 - Control cabinets
 - Industrial machinery
- HVAC systems

Key Features

- 6.0 mm centerline pitch
- Mating protection
- Inertia lock design
- Positive latching
- Inner lock
- Lock on mechanism
- Keying function

Benefits

- Compact pitch reduces overall connector size, saving valuable space on the printed circuit board
- Connector design prevents contact between receptacle contacts and header contacts prior to proper mating
- No half-mating. Design drives mating halves together when spring latch inertia is overcome by the assembler
- There is an audible "click" that signals when mating is complete, and plug and header are latched together

Mid-range power wire-to-board connections

- Compact size saves space on PC board
- Design prevents contact between receptacle contacts and header contacts prior to proper mating
- Inertia locking mechanism drives housings together to help ensure full mating
- Creates an audible “click” that assures mating
- Latch securely locks mated halves together

Product Offering

Housing

Product Image	Type	Style	Flammability	Part Number
	Plug Housing	2 position	UL 94 V-0	2-2232875-1
	Plug Housing	3 position	UL 94 V-0	3-2232875-1

Note: Part numbers shown are for keying style A. Three other keying options are offered. See customer drawing for details.

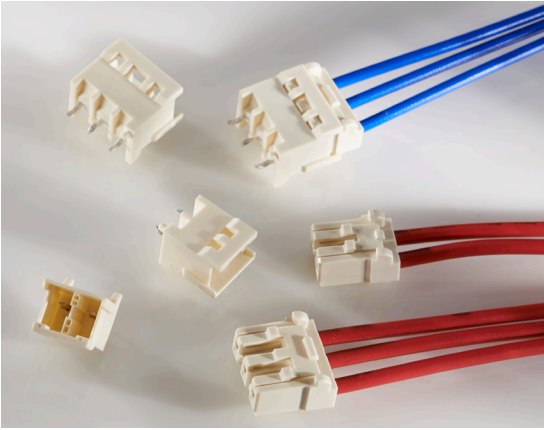
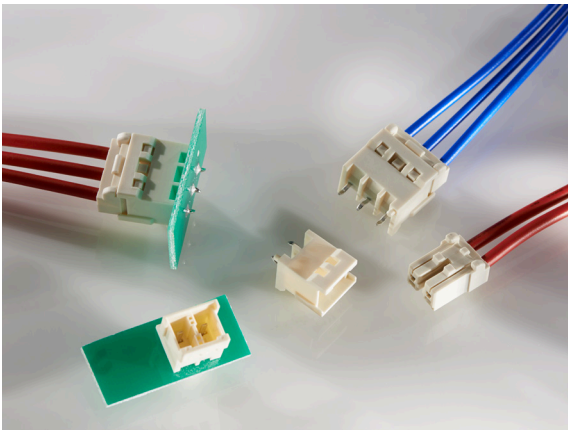
Header

Product Image	Type	Style	Flammability	Part Number
	Vertical Header	2 position	UL 94 V-0	2-2232876-1
	Vertical Header	3 position	UL 94 V-0	3-2232876-1

Note: Part numbers shown are for keying style A. Three other keying options are offered. See customer drawing for details.

Receptacle Contact

Product Image	Type	Wire Gauge	Part Number	Hand Tool	Applicator
	Receptacle	24-20 AWG [.22 -.53 mm²]	1376348-1	1762773-1	1463049-2
	Receptacle	20-16 AWG [.51 -1.25 mm²]	1376347-1	1729064-1	1366703-2



TE Connectivity Technical Support Center

USA:	+1 (800) 522-6752
Canada:	+1 (905) 475-6222
Mexico:	+52 (0) 55-1106-0800
Latin/S. America	+54 (0) 11-4733-2200
Germany:	+49 (0) 6251-133-1999
UK:	+44 (0) 800-267666
France:	+33 (0) 1-3420-8686
Netherlands:	+31 (0) 73-6246-999
China:	+86 (0) 400-820-6015

te.com

© 2016 TE Connectivity Ltd. family of companies. All Rights Reserved.

1-1773873-1 APP CS 1/2016

TE Connectivity, the TE connectivity (logo) and GRACE INERTIA are trademarks of the TE Connectivity Ltd. family of companies..

While TE has made every reasonable effort to ensure the accuracy of the information in this document, TE does not guarantee that it is error-free, nor does TE make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. TE reserves the right to make any adjustments to the information contained herein at any time without notice. TE EXPRESSLY DISCLAIMS ALL IMPLIED WARRANTIES REGARDING THE INFORMATION CONTAINED HEREIN, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. In no event will TE be liable for any direct, indirect, incidental, special or consequential damages arising from or related to recipient's use of the information. It is the sole responsibility of the recipient of this information to verify the results of this information using their engineering and product environment, Recipient assumes and all risks associated with the use of the information. The dimensions in this document are for reference purposes only and are subject to change without notice. All specifications are subject to change without notice. Consult TE for the latest dimensions and design specifications.

Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9