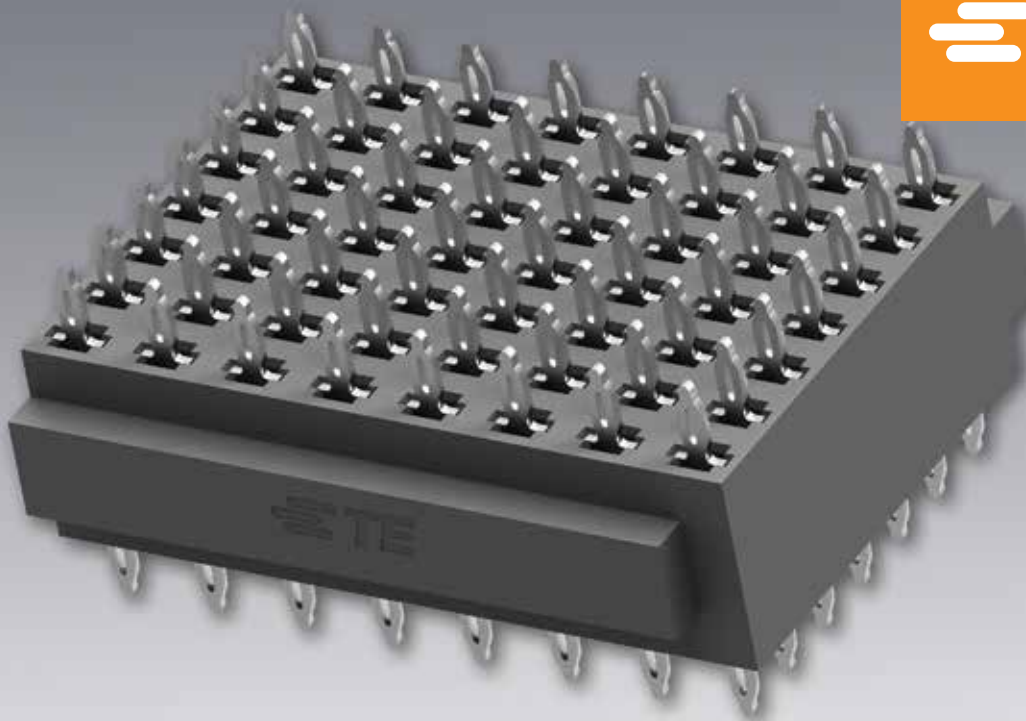




Press-Fit Stacking Connector

56-Position VPX-Compatible Stacking Connector for Rugged, High-Speed Applications

CONVENIENT

- Simple press-fit application
- End-to-end stackable to support higher pin counts
- Accommodates a range of PCB plating options
- Compatible with rigid flex or board-to-board stacking

PERMANENT

- Compliant pin termination on both sides
- Well suited to where a separable interface is not required
- Secure connections with board retention, 1 pound minimum per pin

LOW PROFILE

- 4 mm stack height
- Permits high-density, high-performance packaging

Press-fit stackable connectors from TE Connectivity (TE) have a footprint that matches VPX daughtercard layouts for low noise, gas-tight connections with low signal loss, and highly reliable performance in printed circuit board (PCB) applications. Well suited to mezzanine and parallel board-to-board, the connectors offer reliable signal integrity.

Low Profile, High Speed

Press-fit stacking connectors satisfy the need for 10 Gb/s digital signals in high-density packaging. With a stack height of just 4 mm, they help save space in military electronics and commercial aerospace applications.

The connectors use eye-of-needle compliant pins for solderless application to the board. For higher pin counts, they are end-to-end stackable without losing centerline spacing.

TE Components . . . TE Technology . . . TE Know-how . . .

AMP | AGASTAT | CII | HARTMAN | KILOVAC | MICRODOT | NANONICS | POLAMCO | Raychem | Rochester | DEUTSCH
SEACON Phoenix | LL ROWE | Phoenix Optix | AFP | SEACON

Get your product to market faster with a smarter, better solution.

Press-Fit Stacking Connector

VPX-Compatible Stacking Connector for High-Speed PCB Applications



Specifications

MATERIALS

- **Housing:** High-temperature liquid crystal polymer
- **Contacts:** Copper alloy, plated tin-lead or matte tin

MECHANICAL

- **Board Retention:** 1-pound minimum per pin
- **Modules:** 56 position (8 columns x 7 pins)
- **Stack Height:** 4 mm (0.157 inch)

ELECTRICAL

- Supports speeds to 10 Gb/s
- Low-noise footprint from MULTIGIG RT-2 connector family (VPX)

SPECIFICATIONS

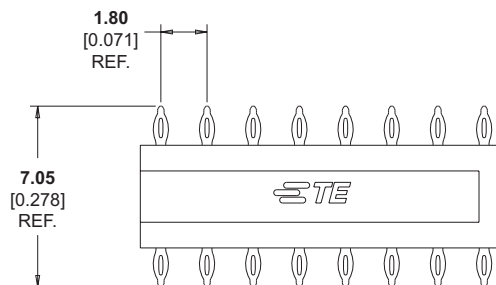
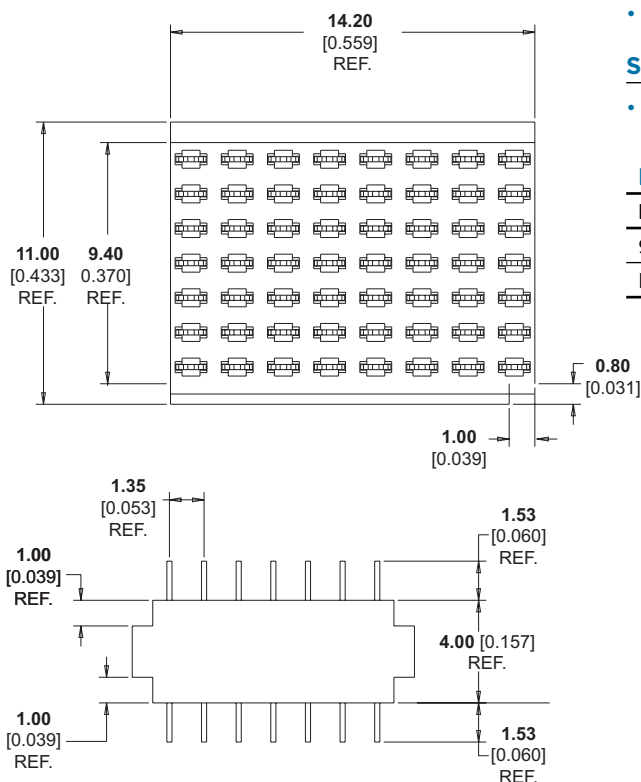
- **TE Application Specification:** 114-32055
- **TE Product Specification:** 108-32042

SEATING TOOL

- **Single or Multiple Connector Tool:** 2226504-x

Part Numbers

Plating	Part No.
93/7 Tin-Lead over Nickel	2102785-1
Matte Tin over Nickel	2102785-2



te.com/press-fit-stacking

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

1-1773901-2 11/16

AMP, AGASTAT, CII, DEUTSCH, HARTMAN, KILOVAC, LL ROWE, MICRODOT, MULTIGIG RT, NANONICS, POLAMCO, Raychem, SEACON, TE, TE Connectivity and the TE connectivity (logo) are trademarks of the TE Connectivity Ltd. family of companies.

Other products, logos, and company names mentioned herein may be trademarks of their respective owners.

While TE Connectivity (TE) has made every reasonable effort to ensure the accuracy of the information herein, nothing herein constitutes any guarantee that such information is error-free, or any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. The TE entity issuing this publication reserves the right to make any adjustments to the information contained herein at any time without notice. All implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose are expressly disclaimed. The dimensions herein are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice.

Consult TE for the latest dimensions and design specifications.

North America +1 800 522 6752 • Asia Pacific +86 0 400 820 6015 • France +33 1 34 20 86 86 • Germany +49 6251 133 1999 • United Kingdom +44 800 267 666
Visit te.com for additional country contacts.

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