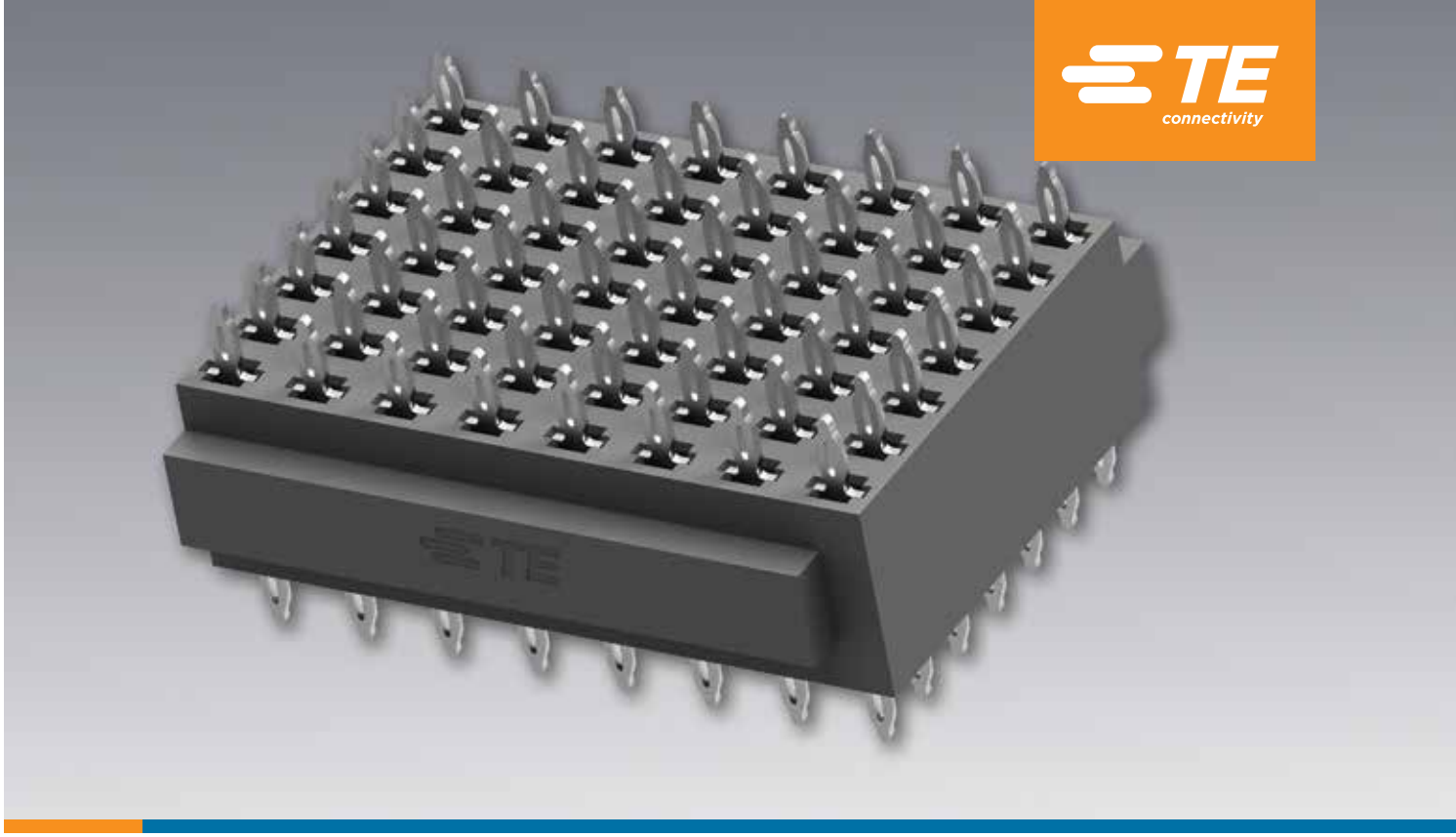


Press-Fit Stacking Connector

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.

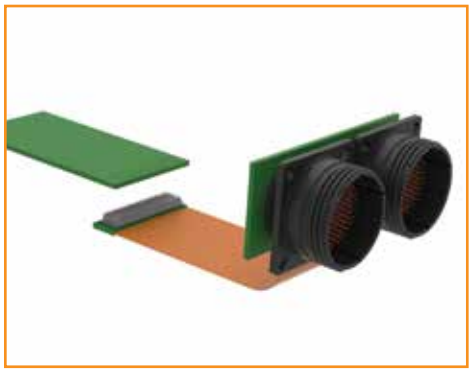
TE Components . . . TE Technology . . . TE Know-how . . .

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

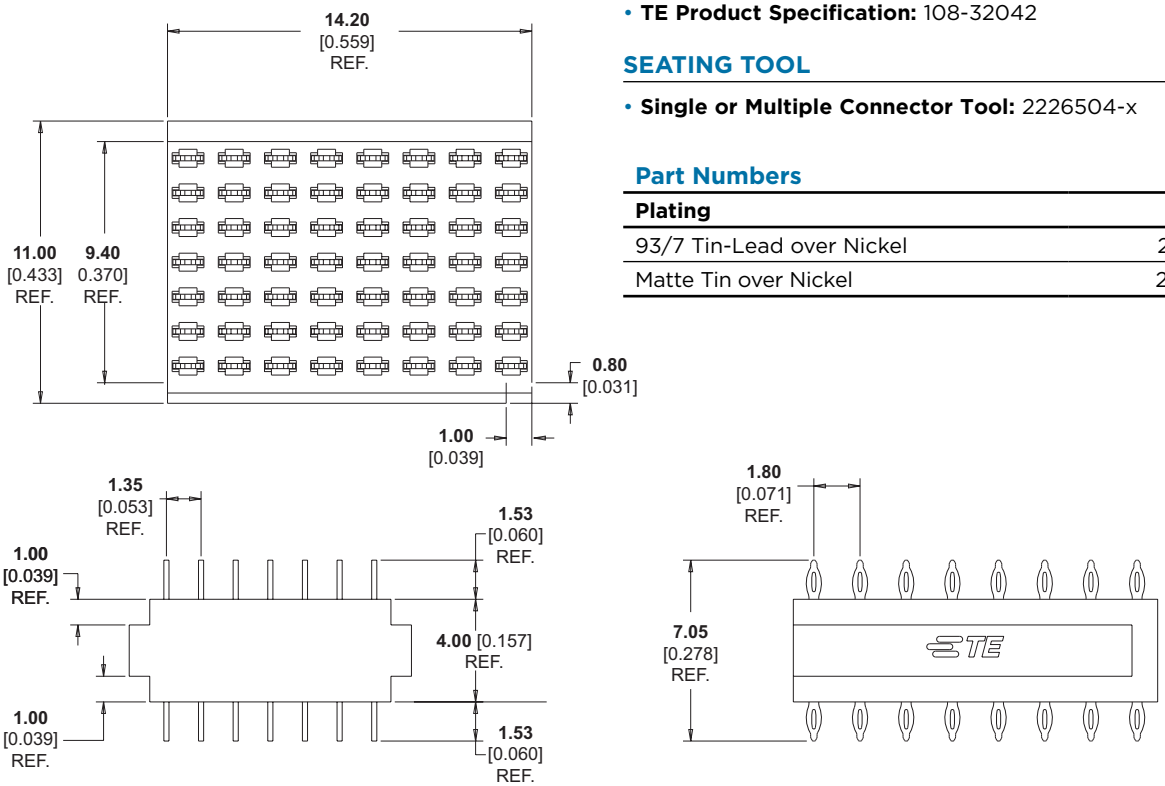
- **TE Application Specification:** 114-32055
- **TE Product Specification:** 108-32042

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

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Consult TE for the latest dimensions and design specifications.

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