

VPX STACKING COMPLIANT PIN CONNECTOR

FITS VITA 46 FOOTPRINT AND ALLOWS CUSTOMERS TO CABLE OFF BACKPLANE OR PLUG-IN CARD

TE Connectivity (TE) has released a VPX stacking compliant pin connector which fits the VITA 46 footprint and allows customers to cable off of the backplane or plug-in card for rugged embedded computing applications.

VERSATILE

- Compliant pin termination on both sides
- Well suited for rigid flex or board-to-board stacking where a separable interface is not required

CONVENIENT

- Simple press-fit application
- Connector footprint matches the MULTIGIG RT 2 and MULTIGIG RT 2-R connector
- Fits VITA 46 half module spaces, end-to-end stackable to build the pin count required with standard components

LOW PROFILE

- 4 mm stack height

APPLICATIONS/MARKETS

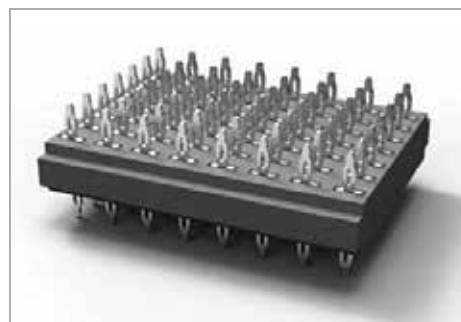
- Military Electronics/C4ISR
- Avionics
- Ground Defense
- Missile Defense
- Space

MATERIAL

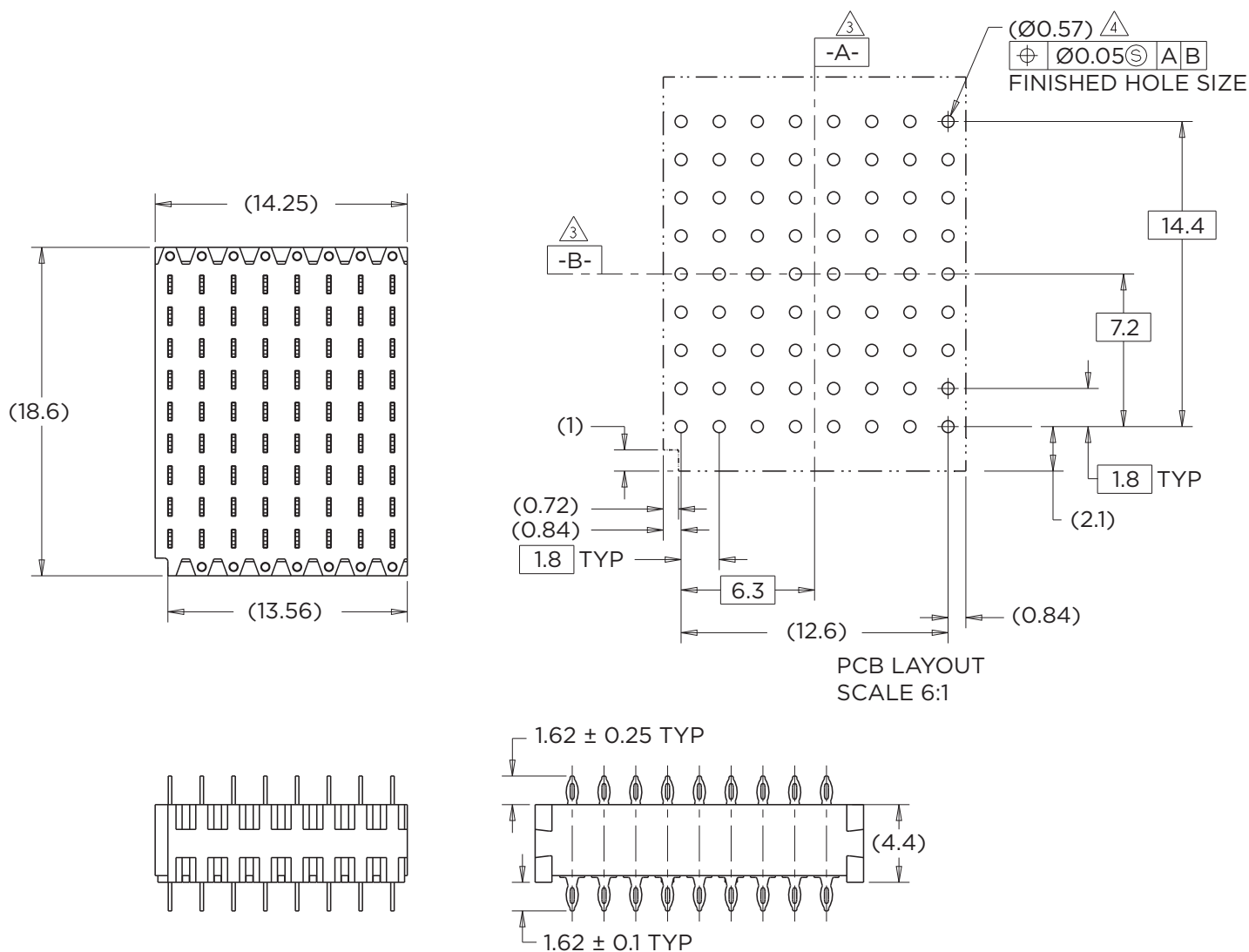
- Housing: LCP, Color—black
- Contact: Copper alloy

FINISH

- Compliant pin: 1.27 μm min tin lead (93/7) over 1.27 μm min nickel



VPX Stacking Compliant Pin Connector



Fits VITA 46.0 Footprint	Position Size	Stack Height	Tin-lead Plated Tails	Tin Plated Tails (RoHS)	Application Tooling
Plug-In Board	56 pos (8x7)	4.0 mm	2102785-1	2102785-2	2226504-1, -2, -3
Backplane	72 pos (8x9)	4.4 mm	2352497-1	2352497-2	2352498-1

te.com/vpx-stacker

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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
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