

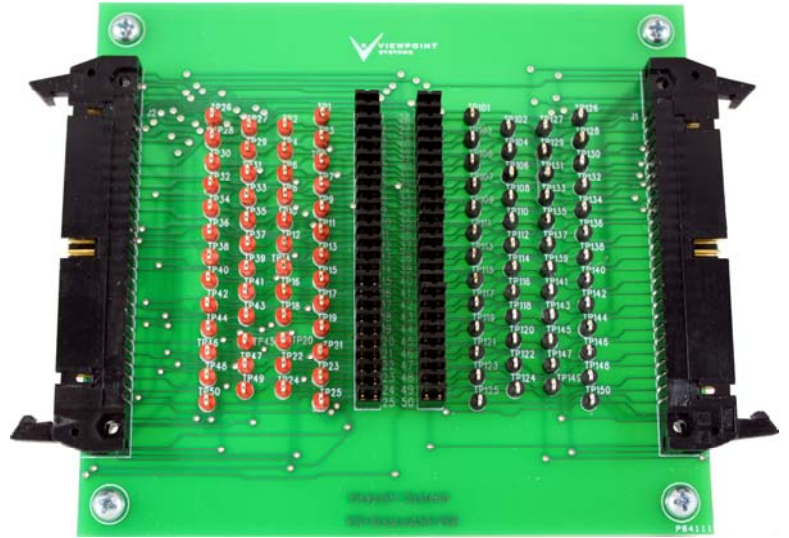
50 pin Breakout Interface Model VSI-Breakout-50

Features

- ◆ Color coded Test Points for every signal on each connector
- ◆ Jumper per connection to open circuit or insert signal.
- ◆ Pre-mounted on standoffs for multiple mounting options

Applications

- ◆ Debugging / verifying signals
- ◆ Injecting known stimulus in signal/cable
- ◆ Re-wiring or crossing signals
- ◆ Disconnecting signals



General Description

The VSI-Breakout-50 is a very useful tool in debugging signals or software in a system. It allows unlimited access to signals within the cabling that might otherwise be difficult to access. The board gives test points at each side of the connector and jumper with a easy to use tabbed shunt to allow for easy disconnection of any particular signal between the connectors. The jumpers also give an opportunity to inject a signal regardless of what signal was originally being driven.

Key Specifications

- ◆ Mounting holes for #6 screws
- ◆ All Test Points are labeled according to connector pin number
- ◆ 0.07" Diameter Test Points
- ◆ 0.1" Jumpers with tabbed shunts
- ◆ All Jumpers label with pin number

Viewpoint Systems, Inc., 800 West Metro Park, Rochester, New York 14623

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www.ViewpointUSA.com

VSI-Breakout-50 Specifications

Input

Connector type: Header 50 Pin 0.1" pitch Dual Row

Gender: Male

Latches: Yes

Mating material: Gold contacts

Output

Connector type: Header 50 Pin 0.1" pitch Dual Row

Gender: Male

Latches: Yes

Mating material: Gold contacts

Test Points

One Test point per Connector Pin

Test Point Color: Red and Black signifying connector

Size: Wire form loop with 0.07" inside diameter.

Secure grip for J hooks, EZ hooks, grabbers, alligator clips, tips or probes

Jumpers / Shunts

Jumper:

Size: 0.1"x0.1", 0.025" Square post

Mating material: Gold over Nickel

Shunt:

Plastic tab for easy removal/insertion

Mating Material Gold over Nickel

Options

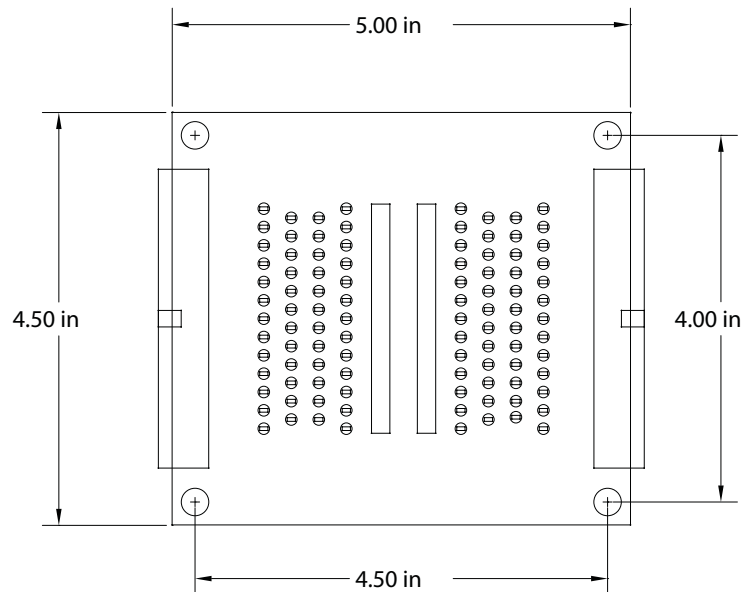
Cables

Cable F/F Ribbon 50pin 1ft; Order Part number:VSI-Cable-50-1

Cable F/F Ribbon 50pin 3ft; Order Part number:VSI-Cable-50-3

Pack of 10 Multi-colored 12" jumper cables;

Order Part number: VSI-Jumper10Pack



0.55" Component Height Max

Outline and Mounting

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Rev A