

Compact Brute

Rugged Interconnect System



Developed for use as a rugged test floor interconnect, the Compact Brute series connector allows for design flexibility with pins that can be configured as signals, grounds, or power up to 1.7A/pin. Differential signals running on a shielded-twisted pair or shielded-parallel pair are also possible with this connector. There are board-mounted headers available in vertical male/female and right-angle male/female configurations. The female board connectors are for board-to-board connection in conjunction with male-to-board connectors. All cable end connectors are female.

Features & Benefits

- Rugged hard anodized aluminum shell with PTFE Mil-Spec coating
- Patented hermaphroditic contact for low insertion force and long life
- Contacts are dual wipe for redundancy and high reliability
- 140/280/400 pin and custom configurations available
- Contacts are protected by an LCP grid
- Resilient LCP Quick Latch system for attachment and removal
- Press fit to PCB configuration
- RoHS Compliant
- Positions available for signal, ground or power
- Cable end connector always female

Specifications

Electrical

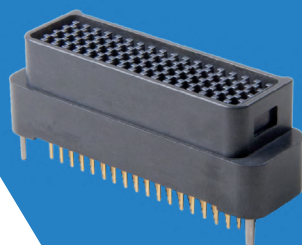
- Current rating: 1.7A per contact
- PCB mounted connectors rated 630VDC

Mechanical

- Standard contact finish: 30 μ -inch min Au over 50 μ -inch min Ni on mating area
- Metal housings
- Durability: 1000 cycles
- Two stainless steel alignment pins on board-mount
- Secured to PCB with two 4-40 screws

Environmental

- Operating temperatures: -55°C to +105°C
- Resin material: LCP UL 94-0 Recognized



Vertical Male
PCB Mounted

Rt-Angle Male
PCB Mounted



Members

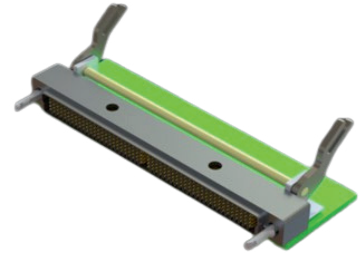


CB-400

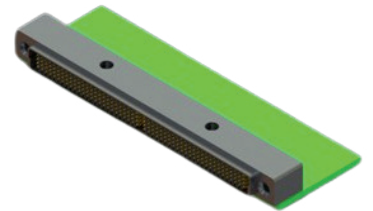
Compact Brute 400 Pin Cable Assembly



**Right Angle Lock
and Eject Female
[PN 948650]**



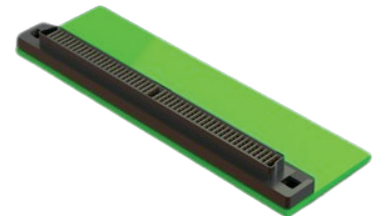
**Right Angle
Jackscrews Female
[PN 948651]**



Available PCB-Mounted Connectors

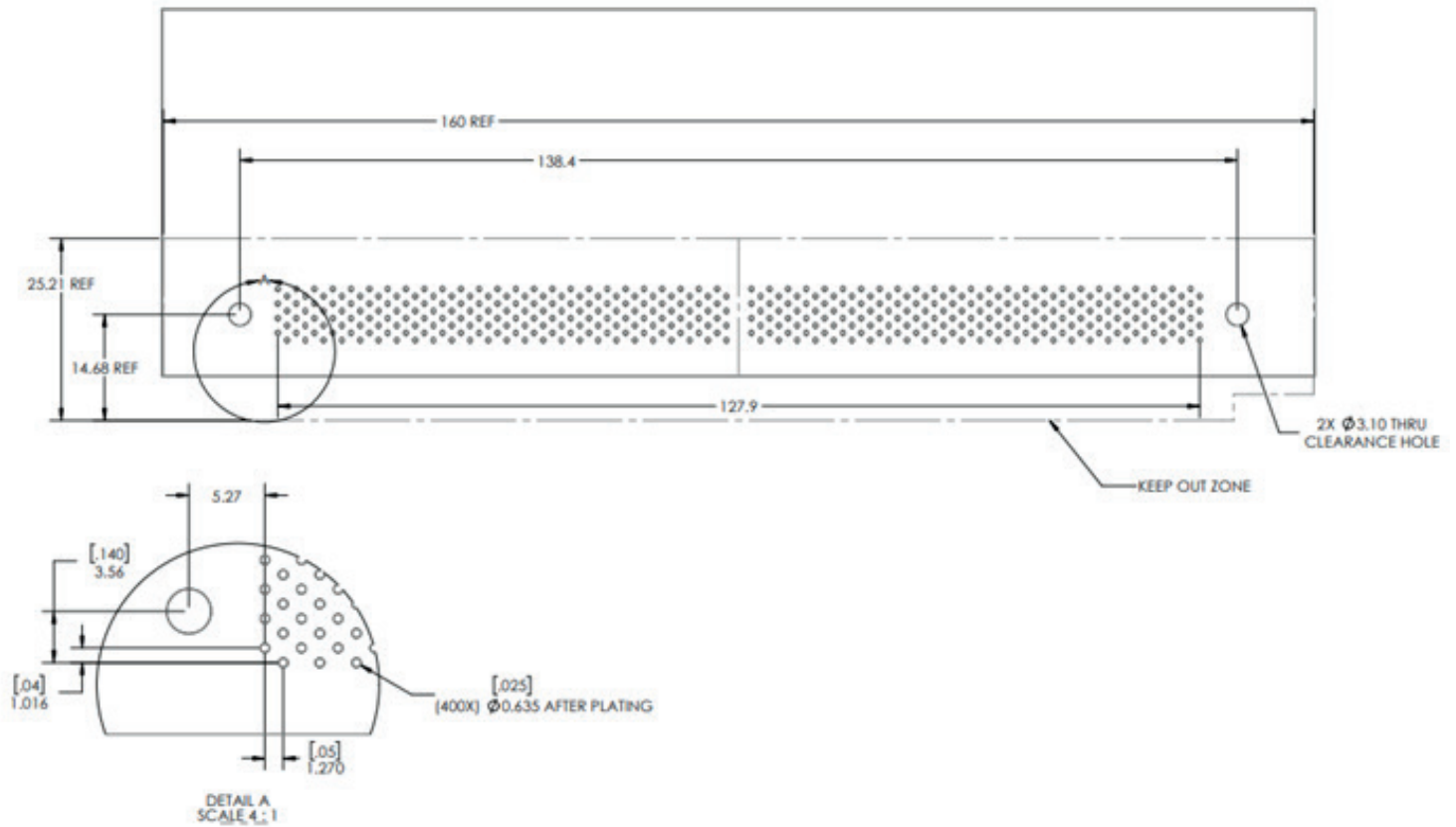
- Vertical Male
- Vertical Female
- Right-Angle Male
- Right-Angle Female

**Axial Lock and Eject
Male [PN 948649]**



**Axial Jackscrews
Female [PN 948659]**





For Reference Only. Contact Factory for Current Details

Meritec P/N

948649

948650

948651

648659

NOTE:

1. 1 oz Cu MINIMUM THICKNESS

Contact Us!

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