i2 Micro iCon

ROMEX

Quality... Versatility...
More than a Connector

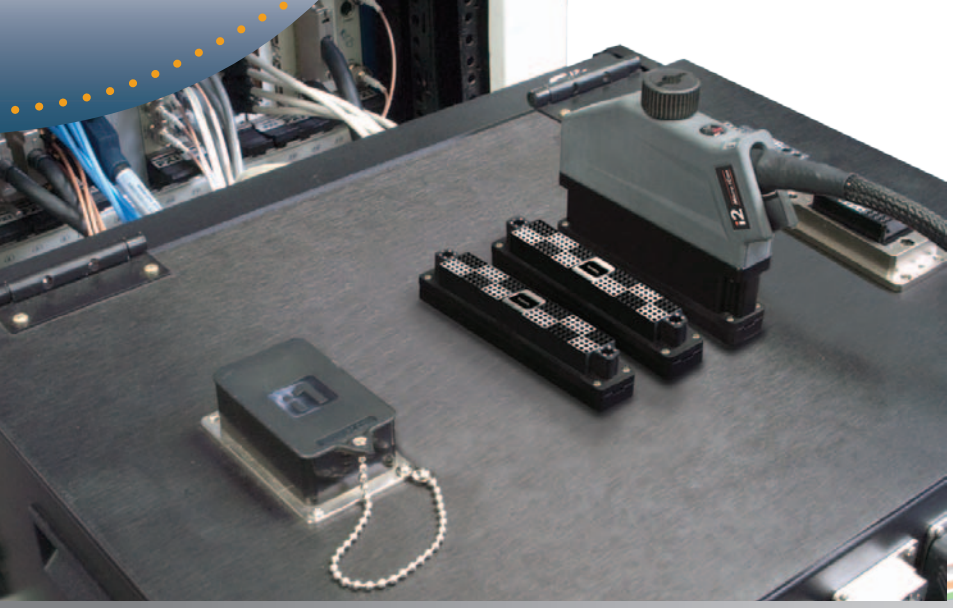
Virginia Panel Corporation

Mass InterConnect Solutions
...creating order out of wiring chaos

i2 Micro iCon

Small Connector... Big Capabilities.

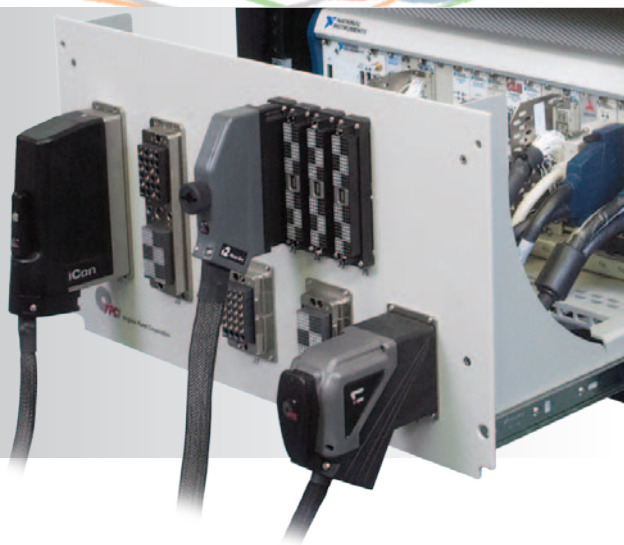
i2 Micro iCon, VPC's new small connector for low I/O, meets the need for a slim-line signal connector. i2 joins i1 and iCon as the newest member of the iCon family, incorporating the high quality design features that make the iCon family so popular. Designed for the small connector market, i2 offers 168 signal points in a sleek 0.8" footprint with capabilities for discrete-wiring, horizontal and right-angle PCB mounting.



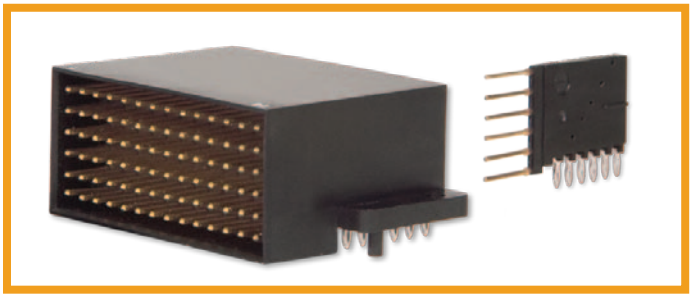
i2 provides exceptional design features. i2's engaging mechanism integrates spring locking tabs that fasten over the latching post for secure engagement. Keying pins and a square locking mechanism ensure even and precise engagement. i2's 0.8" footprint allows horizontal stackability. The 30° angled cable exit reduces the height required by the connector, allowing more space in front of the rack for instrumentation and minimizing the vertical space between connectors in a multi-connector panel layout.

Features and Benefits

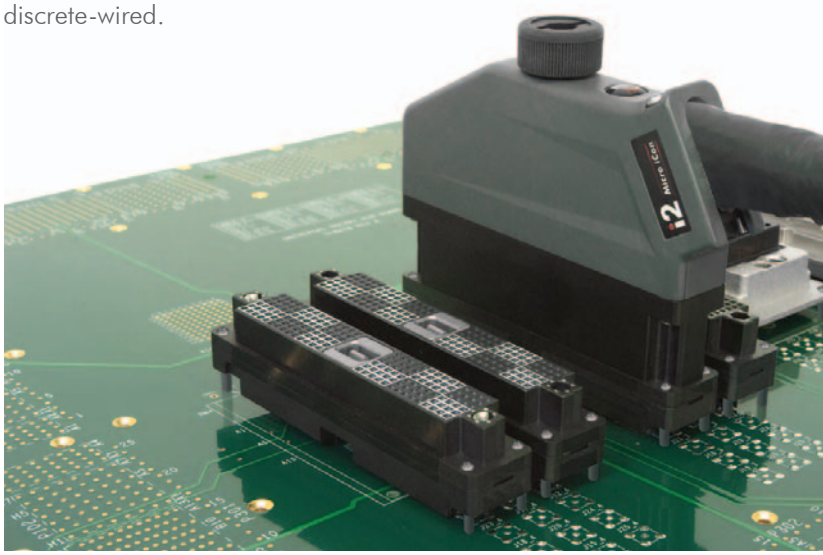
- 168 signal points available with QuadraPaddle® Technology
- 30° cable exit for vertical stackability
- 0.8" footprint for horizontal stackability
- Integrated spring locking tabs ensure even and secure engagement
- Keying pins to prevent misalignment and damage to pins
- PCB compatible



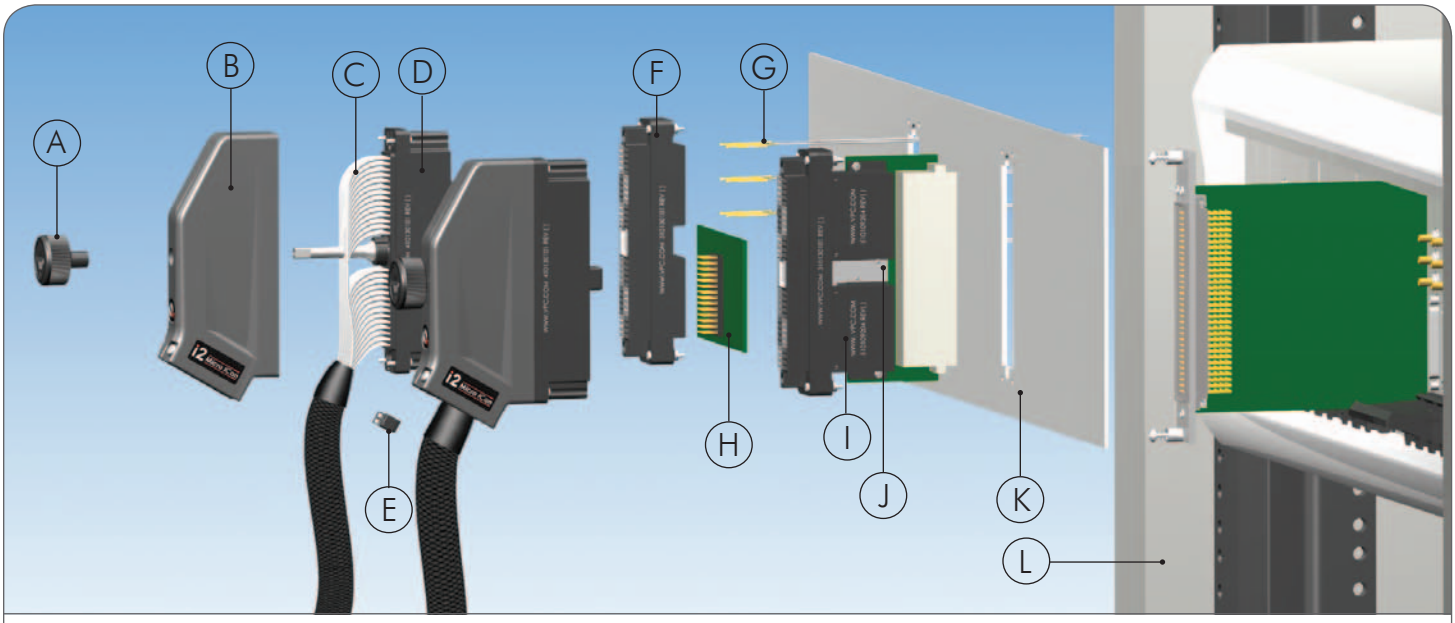
i2 offers useful PCB capabilities. With VPC's new 84 pin header, i2 can directly connect to a PXI card. The header contains solderless compliant (eye of the needle) pins, for ease of use and implementation. Using QuadraPaddle signal contact technology, standard and twin female contacts provide consistent and even connections. i2 offers PCB connection options including: i2 direct to PCB, i2 to flexprint, i2 to PCB adapter card, and i2 discrete-wired.



84 Pin Header with Solderless Compliant Pins



vpc.com/i2



A. Engagement Knob
B. ITA Backshell
C. ITA Patchcords
D. ITA
E. ITA Cable Clamp
F. Receiver
G. Receiver Patchcords
H. Horizontal PCB Mount
I. 84 Pin Header
J. Mounting Bracket
K. Mounting Frame
L. Rack with Instruments

Part #	Description
RECEIVER	
310 130 101	Receiver, i2 Micro iCon, 168 Position, Fully Loaded with 610 138 100 Twin Female Contacts
310 130 102	Receiver, i2 Micro iCon, 168 Position, for Crimp Contacts
ITA	
410 130 101	ITA, i2 Micro iCon, 168 Position, for Crimp Contacts
ACCESSORIES	
310 113 461	Keying Pin Kit, iCon, Receiver and ITA
310 113 559	Strain Relief Plate, i2 Micro iCon, Receiver
310 113 552	Protective Cover Accessory, Beaded Chain Kit
310 113 569	Protective Cover, i2 Micro iCon, Receiver
310 113 562	Bracket, i2 Micro iCon, Receiver, for PCB Mounting
410 112 924	Protective Cover, i2 Micro iCon, ITA
510 109 204	Header, Receiver, i2 Micro iCon, 84 Pin, for PCB Mounting
510 150 207	i2 PCB Adapter, Receiver, QuadraPaddle, 168 Position, to 2 PCB Mounted 68 Male SCSI Connectors
510 150 208	i2 PCB Adapter, Receiver, QuadraPaddle, 168 Position, to 2 PCB Mounted 68 Female VHDCI Connectors
510 150 216	i2 PCB Adapter, Receiver, QuadraPaddle, 168 Position, to 160 Pin Female Din

For a complete list of i2 Micro iCon product offerings visit vpc.com/i2

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