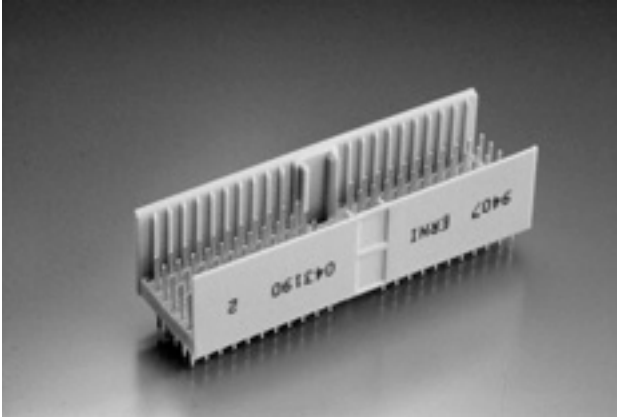


Vertical Male Connectors Type A For Backplanes

110 signal contacts

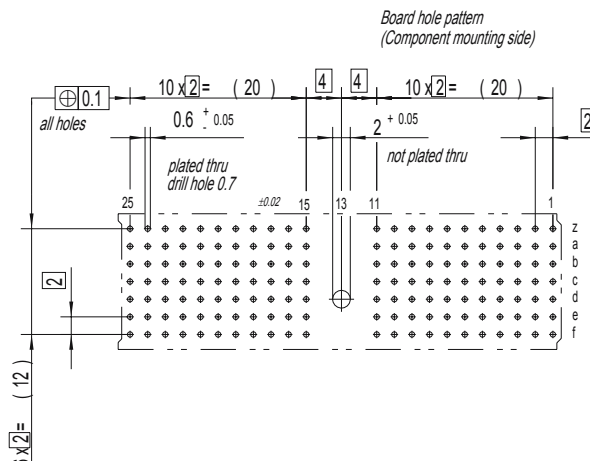
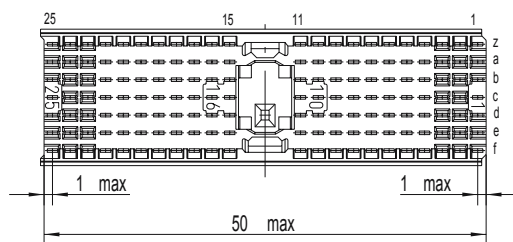
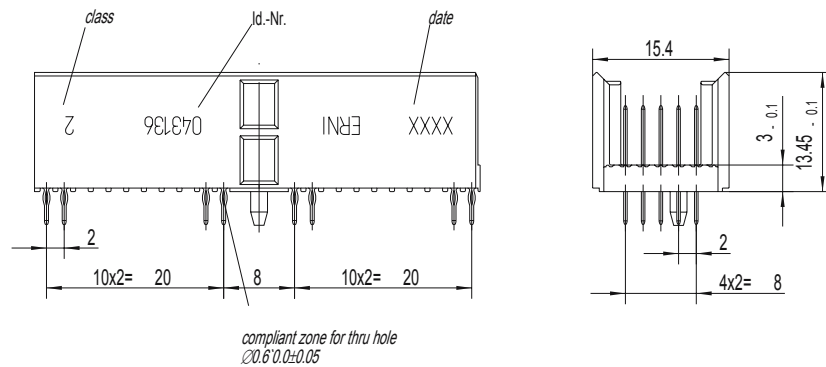
50 mm with multifunction block (for positioning and coding)



The ERmet type A vertical male connector provides 110 signal contacts and 44 ground shield contacts in 5+2 row x 25 position (3 positions used by multifunction cavity), fully loaded configuration. This connector is used in the P1 and P4 positions of a CompactPCI® backplane. With 15 different standard pin lengths to choose from, this is one of the most versatile connectors available. The connector is designed for gas tight pressfit installation.

The ERmet type A male connector has a multifunction cavity that incorporates pre-alignment guides and accepts optional coding keys. This connector is designed to be used alone or in conjunction with either type B, C, L, M or N ERmet connectors.

Dimensional drawings and board hole pattern



Note: The numbering on the connectors themselves is in accordance with the IEC 61076-4-101 standard. All dimensions in mm.

Vertical Male Connectors Type A For Backplanes

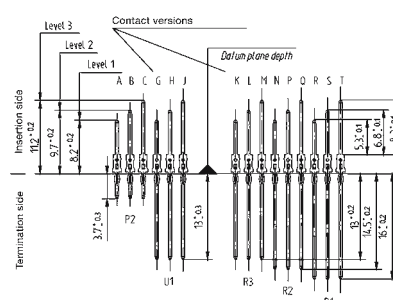
Ordering Information

Configuration	Used For	No. of Pins	Part Number
Type A With Peg 		110	043136
Type A With Peg 		110	043190
Type A With Peg And Extended Terminals For Shrouding 		110	043477
Type A Without Peg 		110	044148
Type A With Peg 		110	044149

Contact versions

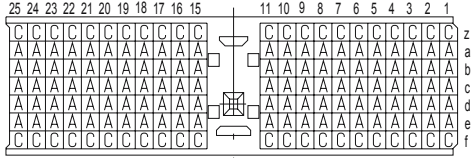
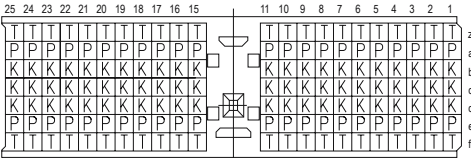
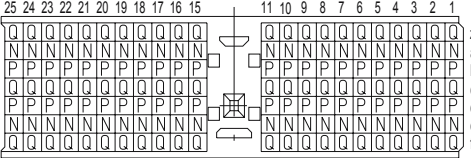
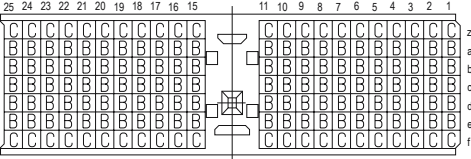
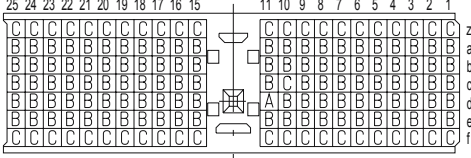
ERNI can accommodate any pattern of male connector contact loading.

For shield rows z and f (7 row connectors) or z and y (10 row connectors), level 3 contacts should be specified. For rear I/O and shrouds, choose contacts with the R1, R2 or R3 terminal length. Each contact has a unique letter designation. Use this letter designation when filling in the contact loading requirements on the ERNI Customer Request Form.



Vertical Male Connectors Type A For Backplanes

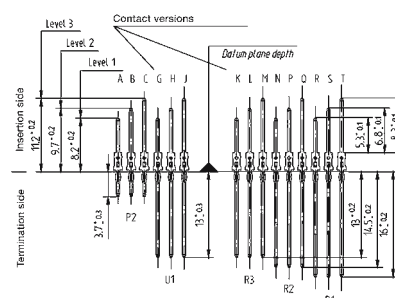
Ordering Information

Configuration	Used For	No. of Pins	Part Number
Type A With Peg 		154	053007
Type A With Peg And Extended Terminals For Shrouding 		154	054034
Type A With Peg And Extended Terminals For Shrouding 		154	054185
Type A With Peg 		154	054528
Type A With Peg 	CompactPCI™ P1 Per PICMG 2.0 R2.1	154	064097

Contact versions

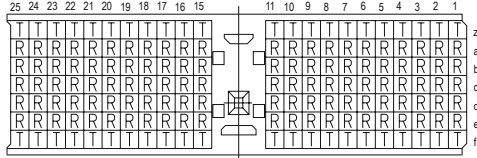
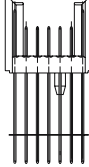
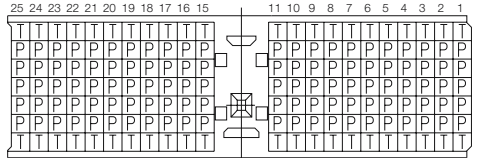
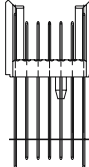
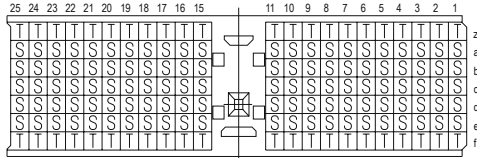
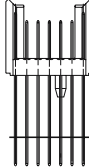
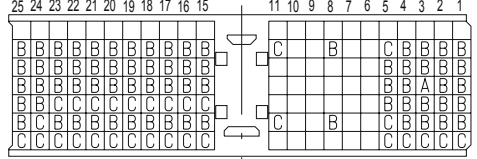
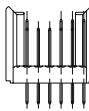

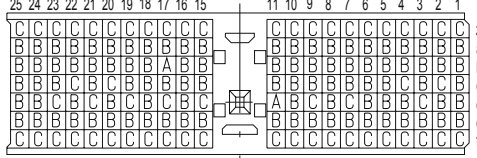
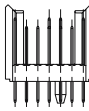
ERNI can accommodate any pattern of male connector contact loading.

For shield rows z and f (7 row connectors) or z and y (10 row connectors), level 3 contacts should be specified. For rear I/O and shrouds, choose contacts with the R1, R2 or R3 terminal length. Each contact has a unique letter designation. Use this letter designation when filling in the contact loading requirements on the ERNI Customer Request Form.



Vertical Male Connectors Type A For Backplanes

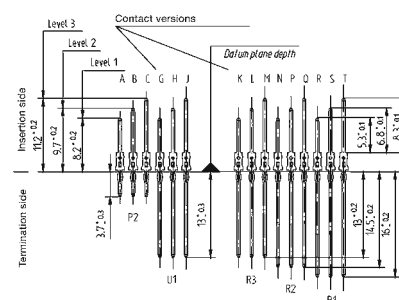
Ordering Information

Configuration	Used For	No. of Pins	Part Number
Type A With Peg And Extended Terminals For Shrouding  	CompactPCI™ P4	154	064688
Type A With Peg And Extended Terminals For Shrouding  	CompactPCI™ P4	154	103968
Type A With Peg And Extended Terminals For Shrouding  	CompactPCI™ P4	154	103975
Type A Without Peg  	 P4 Telecom	100	923160
Type A With Peg  	CompactPCI™ P1	154	923190

Contact versions

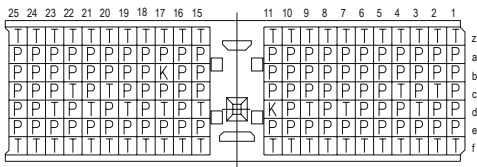
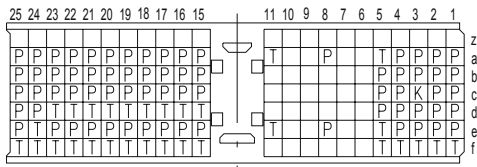
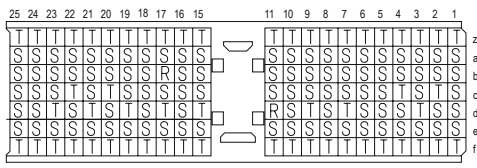
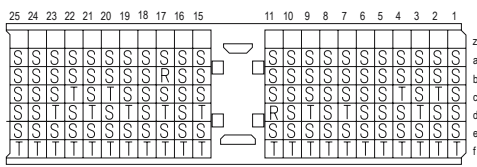
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Vertical Male Connectors Type A For Backplanes

Ordering Information

Configuration	Used For	No. of Pins	Part Number
<p>Type A With Peg And Extended Terminals For Shrouding</p> 	<p>CompactPCI™</p> <p>P1 Special</p>	154	923197
<p>Type A Without Peg And With Extended Terminals</p> 	<p>ECTF™</p> <p>P4 Telecom</p>	100	923212
<p>Type A Without Peg And With Extended Terminals</p> 	<p>CompactPCI™</p> <p>P1</p>	154	923342
<p>Type A With Extended Terminals For Shrouding</p> 	<p>CompactPCI™</p> <p>P4</p>	132	923347

Contact versions

ERNI can accommodate any pattern of male connector contact loading.

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