

ERNI CompactPCI® Express EXP.0 Product Overview

Ermet ZD / Compact PCI Express Advanced Differential Fabric Connector (ADF)

Description	Position	EXP.0 Designation	Part#
EXP.0 Special Contact Loading (loading configuration 0100)	XP3 Refer to Spec 2.5.1.3	ADF-M-3-10-2-S-25-0100	224222
Standard Contact Loading	XP2, XSP2 .. XSP9 Refer to Spec 2.5.1.3	ADF-M-3-10-2-B-25	973027
Board Connector	XJ2, XJ3, XSP2 .. XSP9	ADF-F-3-10-2-F-25	973028

eHM Connector Overview

Slot Key Configurations Table (Male Connector = XP4)

Designator	Slot Type	key pos 1	key pos 2	key pos 3	key pos 4
M1	RIO or no RI/O or no Bussed IO Slot	fill	empty	empty	empty
M2	PXI Slot	fill	empty	fill	empty
M3	Other Bussed I/O Slot	fill	fill	empty	empty
M4	Extended RI/O Sys Slot	empty	empty ⁴	empty ⁴	fill
With extended pins for RIO					
M1	RIO or no RI/O or no Bussed IO Slot	fill	empty	empty	empty
Note: Empty means with key slot, fill means no key slot Example: M2 has slots in positions 2 and 4.					

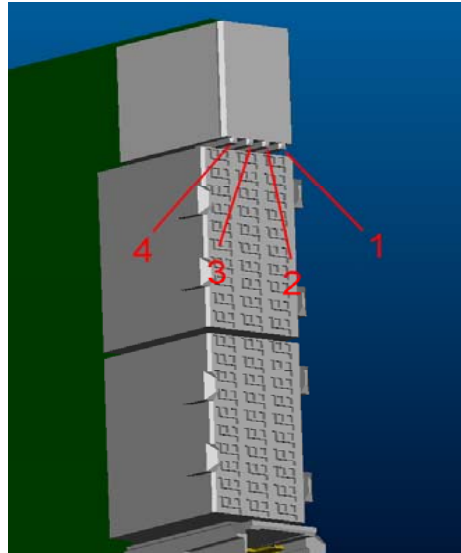
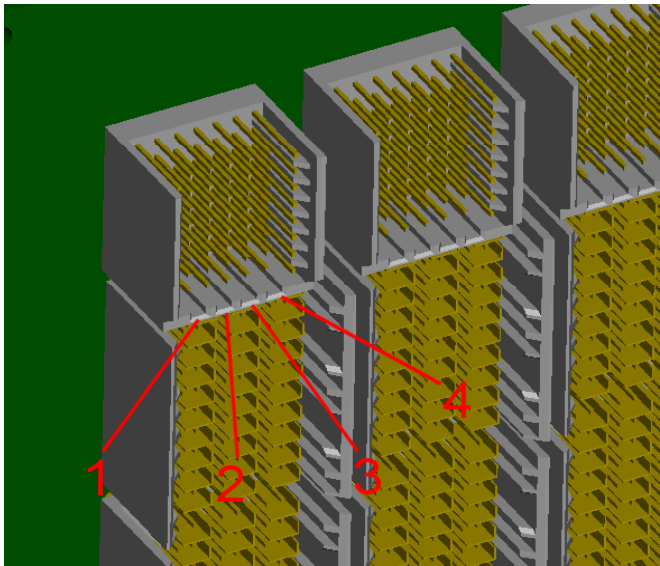
Keying Designator	ERNI # (staged/hot-swap)	ERNI # non-staged
2 3 4	204976	224056
2 4	214431	224057
3 4	ndef yet	ndef yet
1 2 3	ndef yet	ndef yet
2 3 4	ndef yet	223554

Board Key Configurations Table (Female Connector = XJ4)

Designator	Board Type	key pos 1	key pos 2	key pos 3	key pos 4
F1	RIO	empty	fill	fill	fill
F2	PXI	empty	fill	empty	fill
F2	PXI (Special connector: PXI board to EXP.0 HybridSlot; pos 3 not populated)	empty	fill	empty	fill
F3	Other Bussed I/O	empty	empty	fill	fill
F4	Extended RI/O Sys Board	fill	empty ⁴	empty ⁴	empty
F5	No RI/O or Bussed I/O	empty	empty	empty	fill
Note: Empty means no key, fill means with a key Example: F2 has raised keys in position 2 and 4.					

Keying Designator	ERNI #
2 3 4	204975
2 4	214443
2 4	224302
3 4	ndef yet
1	ndef yet
4	214444

Designator numbers have no relationships between the male and female connectors



B8 Rear-shroud Offerings

Designator	Description	key pos 1	key pos 2	key pos 3	key pos 4
n/a	total height 14,35	n/a	n/a	n/a	n/a
n/a	total height 14,95	n/a	n/a	n/a	n/a
n/a	total height 15,75	n/a	n/a	n/a	n/a
n/a	total height 16,55	n/a	n/a	n/a	n/a

Keying Designator	Article Number
n/a	224326
n/a	224327
n/a	224328
n/a	224329