

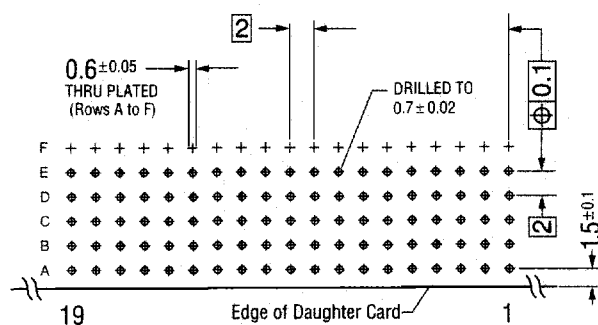
## Special Connectors Male And Female Connectors For VME64 Extensions



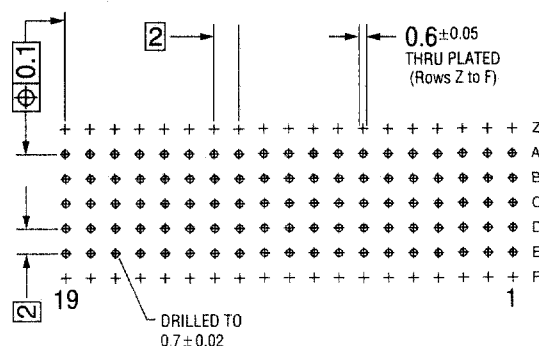
ERmet™ 2mm H.M. connectors and shrouds are also available for P0/J0 VME64 Extension center applications. The ERmet™ P0/J0 connectors fit precisely between the J1 and J2 connector positions and mate properly in conjunction with the DIN 41612 connector family.

ERNI offers both short and extended tail P0/J0 connectors for midplane, rear I/O or imbedded applications. These 5 + 2 rows by 19 position connectors are available in the standard type B, 95 signal pin, configuration. They are also available in the 80 pin type A configuration requested for some military applications which require keying in the connector area. Shrouds with optional latch arms are available in three heights for midplane or rear I/O applications.

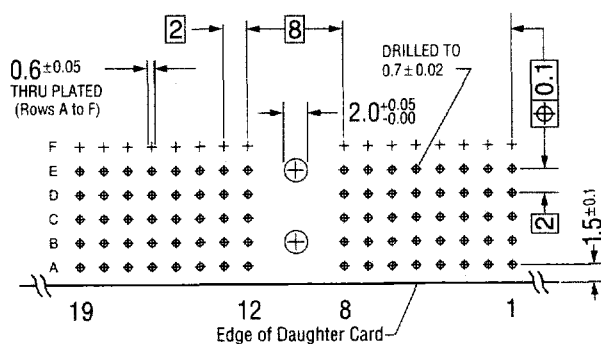
**Type B Female Daughter Card**



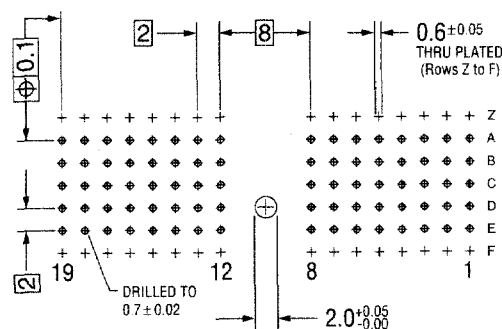
**Type B Male Backplane  
(viewed from connector side)**



**Type A Female Daughter Card**



**Type A Male Backplane  
(viewed from connector side)**



Dimensions shown are for reference purposes only. All dimensions are in millimeters (mm) unless otherwise noted.

ERmat™ 2mm H.M. Connectors For CompactPCI® And VME64 Extensions



**Special Connectors**  
**Male And Female Connectors For VME64 Extensions**

Ordering Information

Male Backplane Connector	Number Of Positions	Contact Loading*	ERNI Part Number
Type A male, VME J0	19	TRRRRT	923105
		CAAAAAC	923104
		MKKKKKM	923106
Type B male, VME J0	19	TRRRRT	914793
		CAAAAAC	104108
		CBBBBBC	103670
		MKKKKKM	103526

Female Daughter Card Connector	Number Of Positions	Special Features	ERNI Part Number
Type A female, VME P0 & rear P0 (RP0)	19	without shield	923113
		with upper shield	923112
Type B female, VME P0 & rear P0 (RP0)	19	without shield	914794
		with upper shield	064784

Ground Return Shields	Number Of Positions	Position	ERNI Part Number
Type A	19	upper	923111
		lower	923110
Type B	19	upper	064781
		lower	064782

Shrouds	Number Of Positions	Height†	ERNI Part Number
Type A	19	4.5 mm	923107
		5.3 mm	923108
		6.1 mm	923109
Type B	19	4.5 mm	064622
		5.3 mm	064623
		6.1 mm	064624

NOTE: P0, J0, J0, RP0 refer to connector positions defined in the proposed VITA Standards Organization, VME64 Extensions Standard.

† To choose the correct shroud height, see chart on page 21.

Several different contact loading configurations are offered for the male 2 mm VME64 Extensions P0/J0 connectors. They are identified in the chart above by referring to their cross sectional loading pattern as described in the drawing to the right.

For contact loading information, please refer to page 24.

\* PIN Loading Example

25	24	23	22	21	20	19	18	17	16	15		11	10	9	8	7	6	5	4	3	2	1
T	T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T	T	T	T	T	T
R	R	R	R	R	R	R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R
R	R	R	R	R	R	R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R
R	R	R	R	R	R	R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R
R	R	R	R	R	R	R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R
R	R	R	R	R	R	R	R	R	R	R		R	R	R	R	R	R	R	R	R	R	R
T	T	T	T	T	T	T	T	T	T	T		T	T	T	T	T	T	T	T	T	T	T

Cross Sectional Loading

The contact loading nomenclature reads from left to right as rows 'z' to 'f'.

# Mouser Electronics

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