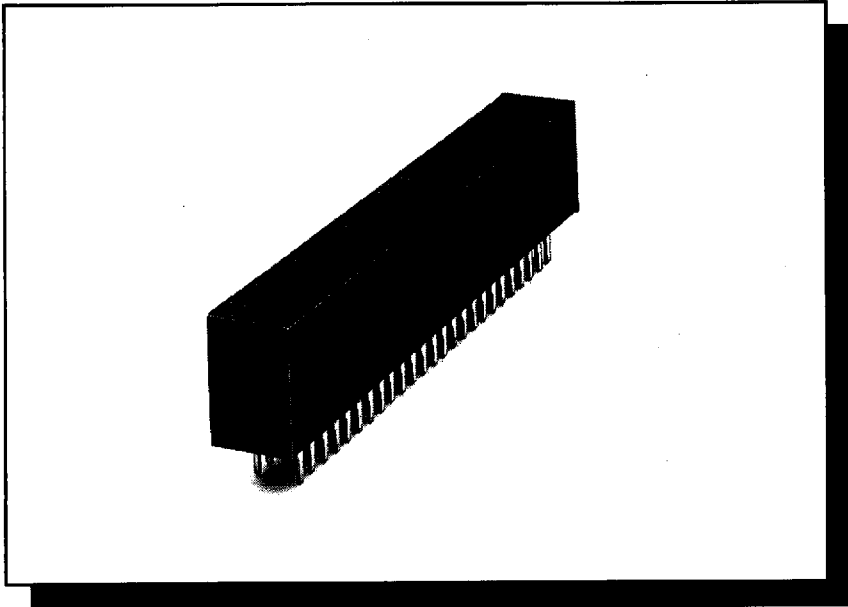


Value Pac Card Edge


A-61-41-07
A-61-41-09
A-61-41-13



The Value Pac compliant pin, press-fit connector range is available in .100 x .200, .125 x .250 and .156 x .200 pitch configurations. They are available in two housing depths, with a variety of termination pin lengths, without mounting ears, and with flush or raised mounting ears.

All that is required to assemble the connectors into a backplane is a flat plate to press directly on top of the connector housing.

Features

- Available in 2 Housing Heights
- Available in 3 configurations
- No special Press-Fit fixture required
- U.L. Recognized 

Materials

- Insulator: Glass filled polyester UL94V0
- Contact: Phosphor bronze per Federal Specification QQ-B-750
- Plating:
 - Nickel per QQ-N-290
 - Gold per MIL-G-45024 Type 1
 - Tin per MIL-T-10727 Type 1

Performance Characteristics

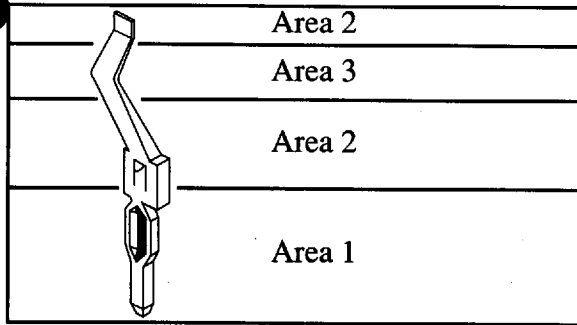
- Current rating: 3A per contact.
- Contact resistance: $\leq 20\text{m}\Omega$.
- Dielectric withstand: $\geq 750\text{VRMS}$, 60Hz at sea level.
- Insulator resistance: $\geq 10^5$ Megohms
- Temperature rating: -55°C to $+120^\circ\text{C}$
- Mating force: 2 to 12 oz. per contact pair
- Unmating force: 1.0 oz. minimum per contact pair
- Recommended hole sizes:
 - Press-fit: Drilled .0463/.0443
 - Copper minimum: .001/side
 - Finish: .043/.037
- Marking: Meets-MIL-STD- 202 Method 215

Part Number

46	—	X	X	X	X	—	X	XX
Value Pac		Series	Housing/ Code	Mount	Tail Length "L"		Plating Codes	# Contact Pairs
		1 - .100 x .200 (5.08) x (2.54) Press Fit	1 3	0 - No Mount Both Ends 2 - Flush Mount Both Ends 3 - Raised Mount Both Ends	0 1 2 3 4		1 6 7	.100 x .200 10,12,15,18,20,22, 25, 28,30,31, 35,36, 40,43,44,50,60,68
		3 - .125 x .250 (6.35) x (3.18) Press Fit		4 - No Mount One End 6 - Flush Mount One End 7 - Raised Mount One End				.125 x .250 10,12,15,18,20,22,25, 28,30,31,35,36,40, 43,50
		4 - .156 x .200 (5.08) x (3.96) Press Fit		9 - Open Both Ends				.156 x .200 10,12,15,18,20,22,25, 28,30,31,35,36,40,43



Contact Plating Locations



Plating Codes

Code	Area 1	Area 2	Area 3
1	5 μ in. gold	5 μ in. gold	30 μ in. gold
6	100/200 μ in. 90 tin/10 lead	NICKEL	20 μ in. gold
7	100/200 μ in. 90 tin/10 lead	NICKEL	30 μ in. gold

*50/100 μ" nickel undercoat overall

Value Pac™

DIMENSION	Mtg. Hole Centering		Flush & Raised Mount		No Mount	Basic	X	Y	Basic Z
	A	B	C	D	E	W			
(2.54) X (5.08) .100 X .200	(2.54) .100	(8.56) .337	(11.38) .448	(4.39) .173	(5.03) .198	(2.54) .100	Number of contacts in one row-1 times "W"	(9.70) .382	(5.08) .200
(3.18) X (6.35) .125 X .250	(3.18) .125	(8.51) .335	(12.01) .473	(5.03) .198	(5.66) .223	(3.18) .125		(10.97) .432	(6.35) .250
(3.96) X (5.08) .156 X .200	(3.96) .156	(9.53) .375	(12.80) .504	(5.82) .229	(6.45) .254	(3.96) .156		(9.70) .382	(5.08) .200

Code Data

Code	Housing			Type	Tail (L) Length *	Plating Code
	Height (F)	Card Slot Depth (G)	Wipe Distance (H)			
1	(13.97)/.550	(10.54)/.415	(5.97)/.235	Press Fit	0 - (4.70)/.185 2 - (13.00)/.512 4 - (18.26)/.719	1 6 7
3	(15.49)/.610	(10.54)/.415	(5.97)/.235		0 - (4.70)/.185 1 - (11.48)/.452 3 - (16.74)/.659	

Polarizing Key Options

Series	Part Number	Series	Part Number
ALL	11-0011-006	.100 x .200 (2,54) x (5,08)	11-0011-007
		.156 x .200 (3,96) x (5,08)	
		.125 x .250 (3,18) x (6,35)	11-0013-003

This key is designed for top insertion and can be removed without removal of the insulator. It goes between cavities without a loss of a signal pair.

This key is designed for bottom insertion. It uses one insulator cavity with the loss of that signal pair.

Card Guide Options

Grid Dimension	Dim. J	Dim. J	Part Number
.100 x .200 (2,54) x (5,08)	.300 (7,62)	.105 (2,67)	16-0001-014
.125 x .250 (3,18) x (6,35)	.375 (9,53)	.135 (3,43)	16-0002-012
.156 x .200 (3,96) x (5,08)	.466 (11,89)	.105 (2,67)	16-0003-010