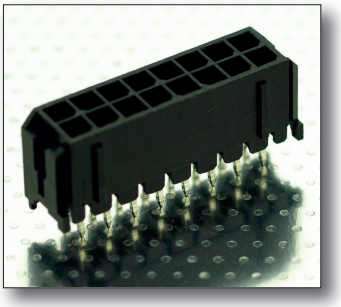
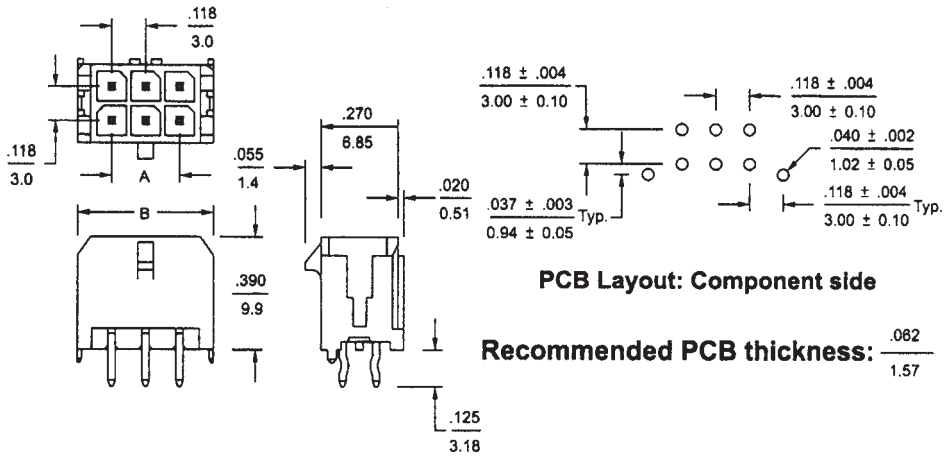
VALCON
VALUE CONNECTORS

3.00mm Pitch Dual Row Micro-Power Type Through Board Straight PCB Receptacles

3045-xx Series

Dual row through board PCB types ~ 02 to 24 (2x12) positions - with PCB retention clip
UL File number E114003
Mates with Valcon 3025 series housings (with crimp)





Circuits	Dim. A	Dim. B	Dim. C	Circuits	Dim. A	Dim. B	Dim. C
2		0.236 (6.0)		14	0.709 (18.0)	0.945 (24.0)	0.539 (13.7)
4	0.118 (3.0)	0.354 (9.0)		16	0.827 (21.0)	1.063 (27.0)	0.657 (16.7)
6	0.236 (6.0)	0.472 (12.0)		18	0.945 (24.0)	1.181 (30.0)	0.776 (19.7)
8	0.354 (9.0)	0.591 (15.0)	0.185 (4.7)	20	1.063 (27.0)	1.299 (33.0)	0.894 (22.7)
10	0.472 (12.0)	0.709 (18.0)	0.303 (7.7)	22	1.181 (30.0)	1.417 (36.0)	1.012 (25.7)
12	0.591 (15.0)	0.827 (21.0)	0.421 (10.7)	24	1.299 (33.0)	1.535 (39.0)	1.130 (28.7)

Ordering Information for

3045- xx
1

Option 1(xx) Number of contacts (in total)
02(1x2),04(2x2),06(2x3),
08(2x4),10(2x5),12(2x6),
14(2x7),16(2x8),18(2x9),
20(2x10),22(2x11),24(2x12)
Please note - some sizes may be subject to MOQ

Specification for 3045-xx Series

Insulator Material:	Black Nylon 9T
Contact Material:	Brass (square pin 0.624mm)
Contact Plating:	Tin
Current Rating:	5 Amps(20 & 22awg), 4 Amps(24awg)
(vs Wire Size - awg)	3 Amps(26awg), 2 Amps(22awg), 1Amp (30awg)
Rated Voltage:	250V AC(rms) or DC
DWV:	1500V AC for 1 minute
Contact Resistance:	10mΩ Max.
Operating Temperature:	-25°C to +85°C
Tolerance:	±0.25mm
Glow-Wire Flammability:	(GWFI) IEC 60695-2-12
Glow-Wire Ignition:	(GWIT) IEC 60695-2-13

Mates with Valcon 3025 Series housings

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