

SERIES 90

3,81mm Eurostyle® PCB Pin Header w/Retention Inserts

Description

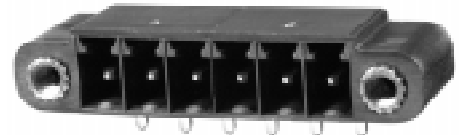
The series 90 Eurostyle® headers on 3,81mm (.150") spacing are polarized using the industry standard design, and are mateable with Beau 90 series plugs, most competitive 3,81mm plugs and our patent pending EuroMate™ plug.

Series 90 headers are available in vertical or horizontal configurations, 2-21 circuits, with and without threaded retention inserts.

Made in the USA, in our ISO 9001 certified facility, all Eurostyle® terminal blocks embody the highest quality standards in the industry - using the finest materials and world class manufacturing processes. They meet or exceed all applicable industry standards.

Features

- **Industry-standard interface.** Series 90 headers are intermateable with competitive 3,81mm pluggable terminal blocks and Beau EuroMate™ pluggable screw terminal blocks. They offer the industry standard polarizing and keying design.
- **50% higher current rating.** The 90 series high conductivity pin material provides a 12 amp continuous service rating, surpassing many competitive systems.
- **Superior pin retention.** Our minimum 7 lbs. pin to plastic retention is more than double competing headers. The 90 series header does not sacrifice mechanical performance and delivers high circuit density.



PRODUCT RATINGS

UL Class B 12 Amps @ 300 V
Class C 10 Amps @ 300 V
(Limited Rating)

CSA Class B 12 Amps @ 300 V

VDE 0110 Gr.C 12 Amps @ 250 V

APPROVALS

UL File No. E48521
Guide No. XCFR2

CSA File No. 025562

TECHNICAL SPECIFICATIONS

ELECTRICAL
DWV 4500 VDC
IR >5000 Megohms

MECHANICAL
Pin retention 7 lbs. minimum

ENVIRONMENTAL
Operating temp -35°C to 130°C

MATERIALS

Insulator Polyester, PBTP, black
Terminal Brass, tin plate
Retention insert 2,5mm Brass

OPTIONS

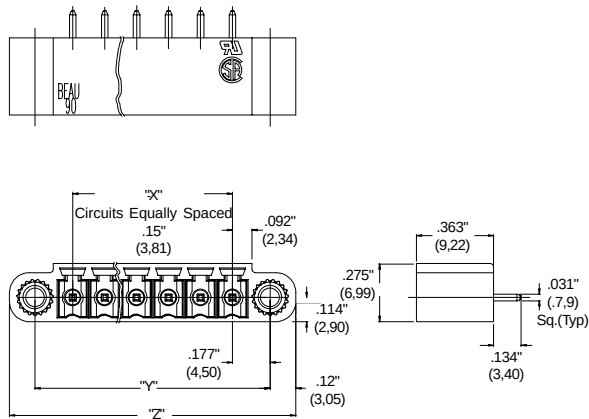
-10A Sequential numbering
-G30 30 µ in. gold plated terminals

HOW TO ORDER

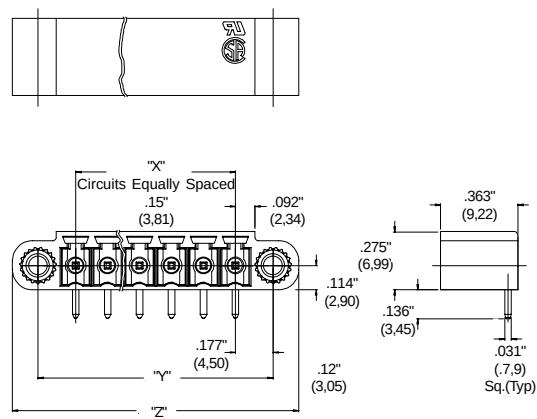
9	0	X	X	X	X	-	X	X
SERIES		STYLE		NO. OF		OPTIONS		
		56 59		POLES		(Dash#'s above)		
				2 to 21				

SERIES 90

Style 56



Style 59



Part	X		Y		Z	
Number	in	mm	in	mm	in	mm
905602	.15	3,8	.50	12,8	.74	18,9
905603	.30	7,6	.65	16,6	.89	22,7
905604	.45	11,4	.80	20,4	1.04	26,5
905605	.60	15,2	.95	24,2	1.19	30,3
905606	.75	19,1	1.10	28,0	1.34	34,1
905607	.90	22,9	1.25	31,9	1.49	37,9
905608	1.05	26,7	1.40	35,7	1.64	41,7
905609	1.20	30,5	1.55	39,5	1.79	45,5
905610	1.35	34,3	1.70	43,3	1.94	49,4
905611	1.50	38,1	1.85	47,1	2.09	53,2
905612	1.65	41,9	2.00	50,9	2.24	57,0
905613	1.80	45,7	2.15	54,7	2.39	60,8
905614	1.95	49,6	2.30	58,5	2.54	64,6
905615	2.10	53,4	2.45	62,3	2.69	68,4
905616	2.25	57,2	2.60	66,1	2.84	72,2
905617	2.40	61,0	2.75	70,0	2.99	76,0
905618	2.55	64,8	2.90	73,8	3.14	79,8
905619	2.70	68,6	3.05	77,6	3.29	83,6
905620	2.85	72,4	3.20	81,4	3.44	87,5
905621	3.00	76,3	3.35	85,2	3.59	91,3

Part	X		Y		Z	
Number	in	mm	in	mm	in	mm
905902	.15	3,8	.50	12,8	.74	18,9
905903	.30	7,6	.65	16,6	.89	22,7
905904	.45	11,4	.80	20,4	1.04	26,5
905905	.60	15,2	.95	24,2	1.19	30,3
905906	.75	19,1	1.10	28,0	1.34	34,1
905907	.90	22,9	1.25	31,9	1.49	37,9
905908	1.05	26,7	1.40	35,7	1.64	41,7
905909	1.20	30,5	1.55	39,5	1.79	45,5
905910	1.35	34,3	1.70	43,3	1.94	49,4
905911	1.50	38,1	1.85	47,1	2.09	53,2
905912	1.65	41,9	2.00	50,9	2.24	57,0
905913	1.80	45,7	2.15	54,7	2.39	60,8
905914	1.95	49,6	2.30	58,5	2.54	64,6
905915	2.10	53,4	2.45	62,3	2.69	68,4
905916	2.25	57,2	2.60	66,1	2.84	72,2
905917	2.40	61,0	2.75	70,0	2.99	76,0
905918	2.55	64,8	2.90	73,8	3.14	79,8
905919	2.70	68,6	3.05	77,6	3.29	83,6
905920	2.85	72,4	3.20	81,4	3.44	87,5
905921	3.00	76,3	3.35	85,2	3.59	91,3