

# 3,81mm Eurostyle® PCB Pin Header

## Description

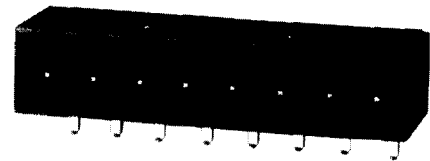
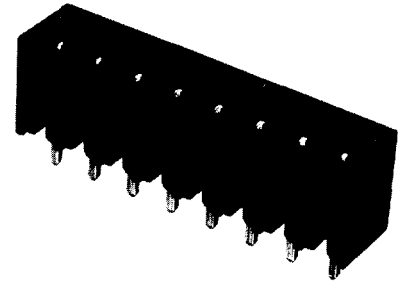
The series 90 Eurostyle® headers on 3,81mm (.150") spacing are polarized using the industry standard design, and are mateable with Beau 90 series plugs, most competitive 3,81mm plugs and our EuroMate® plug.

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

## SAFETY AGENCIES

UL	UL Recognized Component to US and Canadian safety requirements Guide No. XCFR2
CSA	File No. 025562

## TECHNICAL SPECIFICATIONS

<b>ELECTRICAL</b>	
DWV	4500 VDC
IR	>5000 Megohms
<b>MECHANICAL</b>	
Pin retention	7 lbs. minimum
<b>ENVIRONMENTAL</b>	
Continuous Use Temp	
RTI electrical	130°C
RTI mechanical w/o impact	130°C

## MATERIALS

Insulator	Polyester, PBTP, black
Terminal	Brass, tin plate

## OPTIONS

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

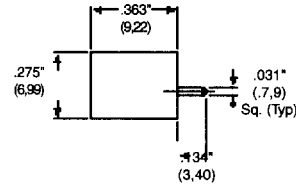
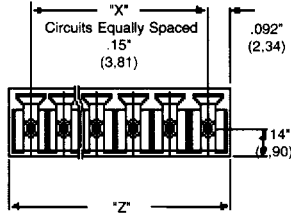
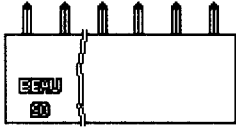
## HOW TO ORDER



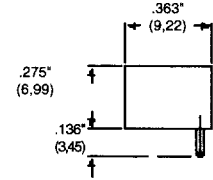
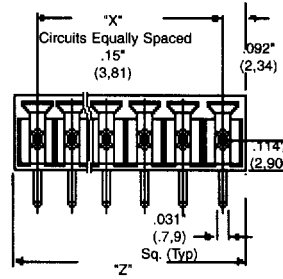
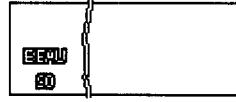
SERIES	STYLE	NO. OF POLES	OPTIONS
9 0	16 19	2 to 21	(Dash#'s above)

Molex Industrial Division  
 New England Operations  
 Gilford, NH 03246-6600  
 Phone (603) 524-5101  
 Fax (603) 524-1627  
 Internet www.beuint.com

Style 16



Style 19



Part Number	X		Z	
	in	mm	in	mm
901602	.15	3,8	.33	8,5
901603	.30	7,6	.48	12,3
901604	.45	11,4	.63	16,1
901605	.60	15,2	.78	19,9
901606	.75	19,1	.93	23,7
901607	.90	22,9	1.09	27,6
901608	1.05	26,7	1.23	31,4
901609	1.20	30,5	1.39	35,2
901610	1.35	34,3	1.53	39,0
901611	1.50	38,1	1.69	42,8
901612	1.65	41,9	1.83	46,6
901613	1.80	45,7	1.99	50,4
901614	1.95	49,6	2.13	54,2
901615	2.10	53,4	2.29	58,1
901616	2.25	57,2	2.44	61,9
901617	2.40	61,0	2.59	65,7
901618	2.55	64,8	2.74	69,5
901619	2.70	68,6	2.89	73,3
901620	2.85	72,4	3.04	77,1
901621	3.00	76,3	3.19	80,9

Part Number	X		Z	
	in	mm	in	mm
901902	.15	3,8	.33	8,5
901903	.30	7,6	.48	12,3
901904	.45	11,4	.63	16,1
901905	.60	15,2	.78	19,9
901906	.75	19,1	.93	23,7
901907	.90	22,9	1.09	27,6
901908	1.05	26,7	1.24	31,4
901909	1.20	30,5	1.39	35,2
901910	1.35	34,3	1.53	39,0
901911	1.50	38,1	1.69	42,8
901912	1.65	41,9	1.83	46,6
901913	1.80	45,7	1.99	50,4
901914	1.95	49,6	2.13	54,2
901915	2.10	53,4	2.29	58,1
901916	2.25	57,2	2.44	61,9
901917	2.40	61,0	2.59	65,7
901918	2.55	64,8	2.74	69,5
901919	2.70	68,6	2.89	73,3
901920	2.85	72,4	3.04	77,1
901921	3.00	76,3	3.19	80,9