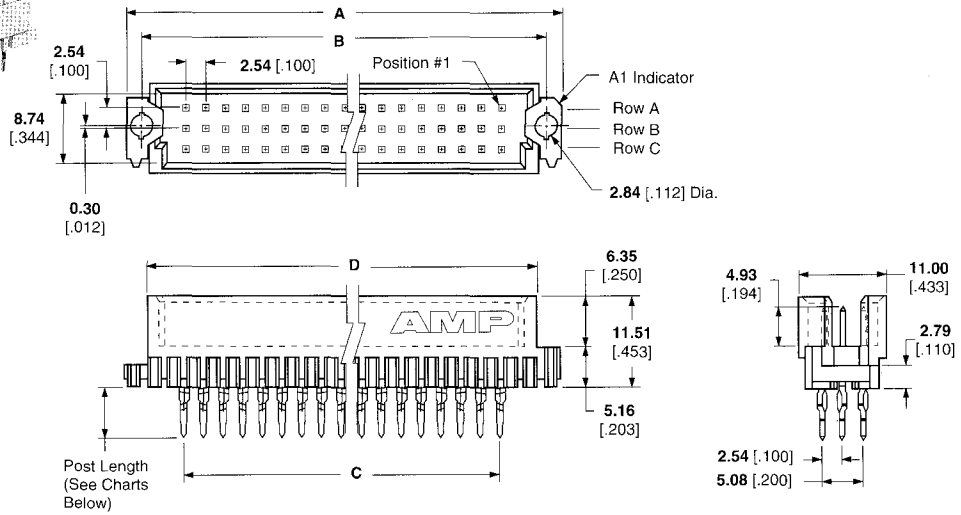
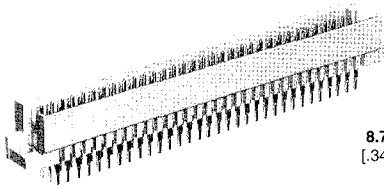


**Type R Vertical Pin Assemblies with ACTION PIN Posts
(0.64 [.025] Square)**



Material

Housing — Glass filled polymer

Contacts — Copper alloy

Related Product Data

DIN Performance Levels — Page 6

Performance Specifications —
Page 8

Mateable Connectors — Pages 20,
21, 23, 24, 29-31, 55-57

PC Board Hole Layout — Page 58

Accessories — Pages 63, 64, 68, 69

Action PIN Contacts — Pages 70, 71

Application Tooling — Pages 72, 73

Technical Documents — Page 74:

DIN Specification 41612

IEC Specification 60603-2

Application Specification

114-9014

Instruction Sheets 408-6927,
408-9740

Standard Size

Number of Positions	Rows Loaded	Dimensions				Post Length	DIN Level	Part Number	
		A	B	C	D				
96	A,B,C	95.00	90.00	78.74	88.01	4.00	II	1-1393658-4	
		3.740	3.543	3.100	3.465	.157			
		6.35	6.35	6.35	6.35	.250			650889-5
64	A,C	95.00	90.00	78.74	88.01	13.23	II	650909-5	
		3.740	3.543	3.100	3.465	.521			1-650909-4 ¹
		4.00	4.00	4.00	4.00	.157			1-1393658-5
64	A,C	95.00	90.00	78.74	88.01	6.35	II	650912-5	
		3.740	3.543	3.100	3.465	.250			
		13.23	13.23	13.23	13.23	.521			1-650930-4 ¹

¹ Precious metal plating in contact area and 5.08 [.200] from the tip of the post.

Half Size

Number of Positions	Rows Loaded	Dimensions				Post Length	DIN Level	Part Number
		A	B	C	D			
48	A,B,C	54.37	49.35	38.10	47.37	6.35	II	650918-5
		2.140	1.943	1.500	1.865	.250		
		13.23	13.23	13.23	13.23	.521		
32	A,C	54.37	49.35	38.10	47.37	6.35	II	650931-4
		2.140	1.943	1.500	1.865	.250		
		13.23	13.23	13.23	13.23	.521		

Third Size

Number of Positions	Rows Loaded	Dimensions				Post Length	DIN Level	Part Number
		A	B	C	D			
30	A,B,C	39.76	34.76	22.86	32.12	4.00	II	1-1393658-0
		1.565	1.368	.900	1.264	.157		

Expanded Size

Number of Positions	Rows Loaded	Dimensions				Post Length	DIN Level	Part Number
		A	B	C	D			
120	A,B,C	115.19	110.31	99.06	108.33	6.35	II	650921-5
		4.535	4.343	3.900	4.265	.250		
		6.35	6.35	6.35	6.35	.250		
150	A,B,C	140.59	135.71	124.46	133.73	6.35	II	650923-5
		5.535	5.343	4.900	5.265	.250		
		13.23	13.23	13.23	13.23	.521		

Note: Select Load and MFBL available upon request, contact Tyco Electronics at the numbers listed below.