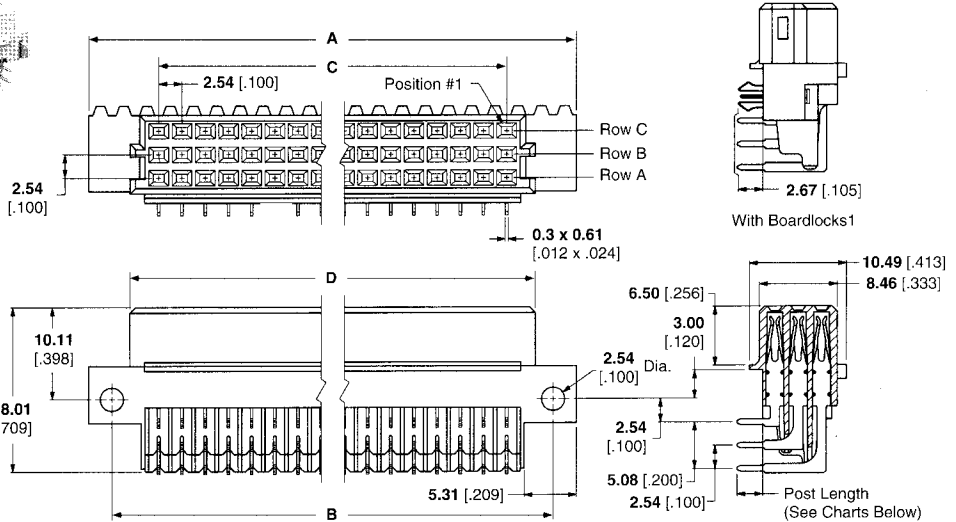
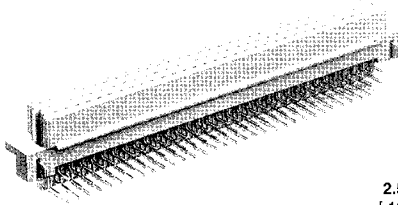


**Type R Right Angle Receptacle Assemblies with Solder Posts  
(with and without Boardlocks)**



**Material**

**Housing** — Glass filled polymer  
**Contacts and Boardlocks** — Copper alloy

**Related Product Data**

- DIN Performance Levels** — Page 6
- Performance Specifications** — Page 8
- Mateable Connectors** — Pages 17, 19, 28, 52-54
- PC Board Hole Layout** — Page 58
- Accessories** — Pages 64, 68, 69
- Technical Documents** — Page 74:  
DIN Specification 41612  
IEC Specification 60603-2  
Application Specification 114-9014  
Instruction Sheet 408-6784

**Standard Size**

Number of Positions	Rows Loaded	Dimensions				Post Length	DIN Level	Part Number
		A	B	C	D			
96	A,B,C	93.87	88.90	78.74	85.00	2.79 .110	II	650461-4
		3.696	3.500	3.100	3.346			650461-5
								650895-4 <sup>1</sup>
						650895-5 <sup>1</sup>		
						148242-5 <sup>1,2</sup>		
						3.00 .118	II	3-1393656-4
				4.24 .167	2-1393656-9 <sup>1</sup>			
64	A,C	93.87	88.90	78.74	85.00	2.79 .110	II	650462-4
		3.696	3.500	3.100	3.346			650462-5
								650870-4
						650870-5		
						650897-4 <sup>1</sup>		
						650897-5 <sup>1</sup>		
				3.00 .118	I	1-1393656-1		
					II	3-1393656-6		
						3-1393656-0 <sup>1</sup>		

**Half Size**

Number of Positions	Rows Loaded	Dimensions				Post Length	DIN Level	Part Number
		A	B	C	D			
48	A,B,C	53.24	49.26	38.10	44.35	2.79 .110	II	650868-4
		2.096	1.900	1.500	1.746			650868-5
							III	650893-5 <sup>1</sup>
							II	650868-9
32	A,C	53.24	49.26	38.10	44.35	3.00 .118	II	2-1393656-7
		2.096	1.900	1.500	1.746			2-1393656-5 <sup>1</sup>
								2-1393656-8

**Third Size**

Number of Positions	Rows Loaded	Dimensions				Post Length	DIN Level	Part Number
		A	B	C	D			
30	A,B,C	38.12	33.02	22.86	29.12	3.00 .118	II	2-1393656-2 <sup>1</sup>

<sup>1</sup> With boardlocks.  
<sup>2</sup> High temperature.

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