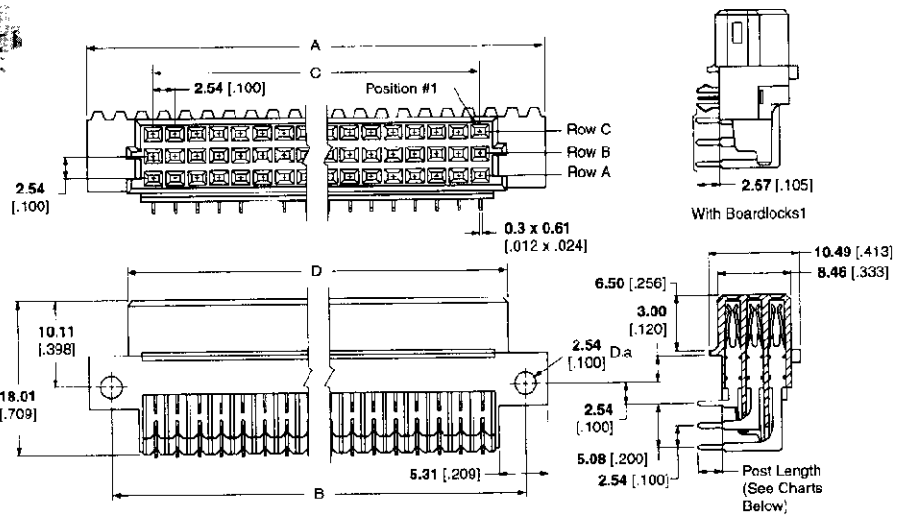
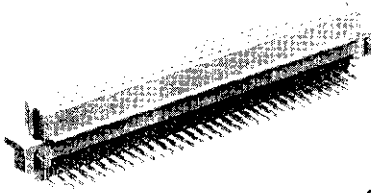


**Type R Right Angle Receptacle Assemblies with Solder Posts
(with and without Boardlocks)**



Material

Housing — Polyester, grey, 94V-0 rated

Contacts and Boardlocks — Phosphor bronze

DIN II Plating — Gold Flash over .000030 Palladium/Nickel in contact area, Tin Lead on tails, all over .000050 Nickel.

DIN III Plating — Gold Flash in contact area, Tin Lead on tails, all over .000050 Nickel.

Related Product Data

DIN Performance Levels — Page 299

Performance Specifications — Page 300

Mateable Connectors — Pages 304, 314, 315, 316

PC Board Hole Layout — Page 318

Technical Documents

DIN Specification 41612

IEC Specification 603-2

AMP Application Specification 114-9014

AMP Instruction Sheet 408-6784

Standard Size

Number of Positions	Rows Loaded	Dimensions				DIN Levels	Part Numbers	
		A	B	C	D		2.79 [.110] Post Length	4.24 [.167] Post Length
96	A,B,C	93.87	88.90	78.74	85.00	II	650461-4 ²	650462-4 ²
		3.696	3.500	3.100	3.346		650461-5	650462-5
						650895-4 ^{2,1}	650896-5 ¹	
					III	650461-9	—	
						650870-4 ²	—	
						650870-5	—	
64	A,C	93.87	88.90	78.74	85.00	II	650897-4 ^{2,1}	536431-5 ¹
		3.696	3.500	3.100	3.346		650897-5 ¹	—
					III	—	650871-9	
						—	536431-9 ¹	

Half Size

Number of Positions	Rows Loaded	Dimensions				DIN Levels	Part Numbers	
		A	B	C	D		2.79 [.110] Post Length	4.24 [.167] Post Length
48	A,B,C	53.24	48.26	38.10	44.35	II	650868-5	—
		2.096	1.900	1.500	1.746		650893-5 ¹	536432-5 ¹
					III	650868-9	650869-9	
					II	650867-5	650958-5	
32	A,C	53.24	48.26	38.10	44.35	II	536433-5 ¹	536434-5 ¹
		2.096	1.900	1.500	1.746			

Expanded Size

Number of Positions	Rows Loaded	Dimensions				DIN Levels	Part Numbers	
		A	B	C	D		2.79 [.110] Post Length	4.24 [.167] Post Length
150	A,B,C	139.60	134.62	124.46	130.61	II	650875-5	650877-5
		5.496	5.300	4.900	5.142		650959-5 ¹	—
							650874-4 ²	—
120	A,B,C	114.20	109.22	99.06	105.21	II	650874-5	—
		4.496	4.300	3.900	4.142		650899-4 ²	—
							650899-5 ¹	—

¹With Boardlocks

²Contact plating .000030 Gold in contact area, tin lead on tails, all over .000050 Nickel.