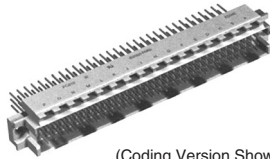
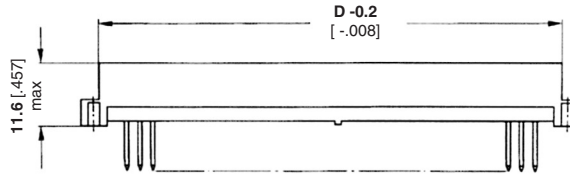


Type R Receptacle with Eye of Needle Compliant Pin

Male Connectors, Solder



(Coding Version Shown)

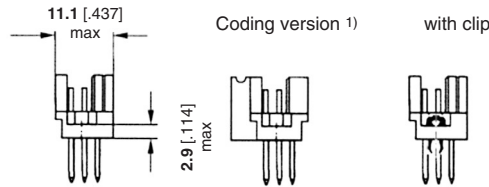


Material:

Housing — Thermoplastic, glass fibre reinforced, UL94V-0 rated

Contacts — Copper Alloy

Plating — According DIN levels requirements.

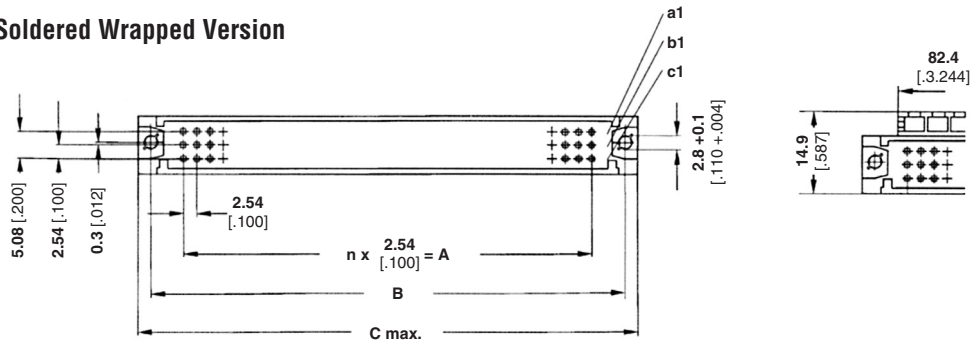


Related Product Data:

DIN Performance Levels —
page 3089

Performance Specifications —
page 3088

Soldered Wrapped Version



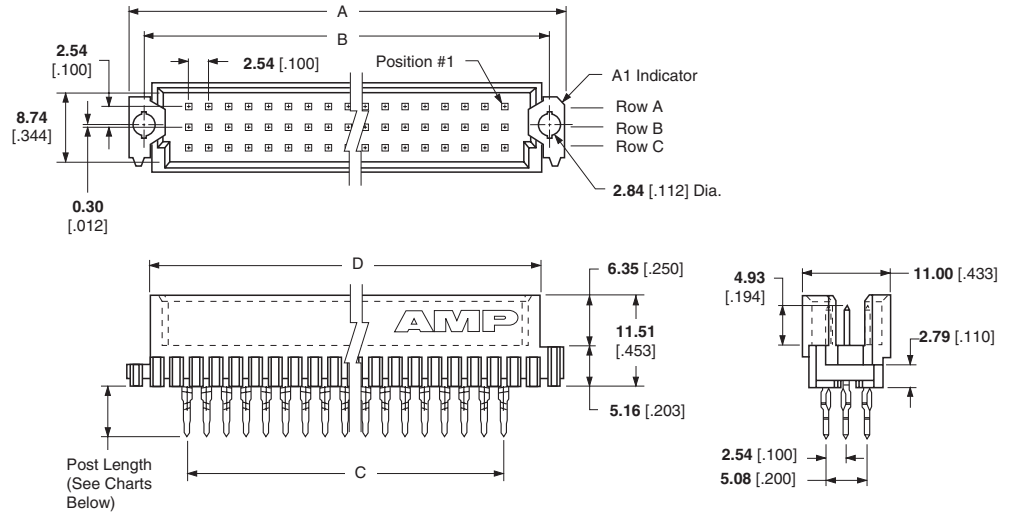
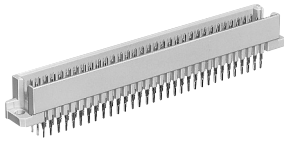
1) Affiliated dimensional drawing see press-fit version

Type	n	A	B	C	D
R	31.0 [1.220]	78.74 [3.100]	90.0 [3.543]	95.0 [3.740]	88.0 [3.464]
R/2	15.0 [.591]	38.1 [1.500]	50.0 [1.969]	55.0 [2.165]	47.6 [1.874]
R/3	9.0 [.354]	22.86 [.900]	34.76 [1.369]	39.76 [1.565]	32.12 [1.265]

	No. of Positions	Rows	DIN Levels	Length	Part Number
Third Length R/3	30	A,B,C	II	2.9 [.114]	2-1393659-3
				4.5 [.177]	3-1393659-5
Half Length R/2	48	A,B,C	II	2.9 [.114]	2-1393659-6
				4.5 [.177]	2-1393659-8 ¹
			II	2.9 [.114]	3-1393659-9
				4.5 [.177]	3-1393659-7 ¹
Full Length R	64	A,C	II	2.9 [.114]	2-1393659-9
				4.5 [.177]	2-1393659-7 ¹
			II	2.9 [.114]	4-1393659-7
				4.5 [.177]	4-1393659-2 ¹
96	A,B,C	II	2.9 [.114]	2-1393659-8	
			4.5 [.177]	4-1393659-5	

¹ With mounting clip

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



Material:

Housing — Polyester, grey, 94V-0 rated

Contacts — Phosphor bronze

DIN II Plating — Meets performance requirements of DIN Level II.

DIN III Plating — Meets performance requirements of DIN Level III.

Related Product Data:

DIN Performance Levels — page 3086

Performance Specifications — page 3087

Technical Documents:

DIN Specification 41612

IEC Specification 603-2

Application Specification 114-9014

Instruction Sheets 408-6927, 408-9740

Standard Size (for PC Board Thicknesses 2.36 [.093] and Above)

No. of Positions	Rows Loaded	Dimensions				DIN Levels	Part Numbers	
		A	B	C	D		6.35 [.250] Post Length	13.23 [.521] Post Length
96	A,B,C	95.00	90.00	78.74	88.01	II	650889-5	650909-5
		3.740	3.543	3.100	3.465	III	650889-9	1-650909-4 ¹
64	A,C	95.00	90.00	78.74	88.01	II	650912-5	650930-5
		3.740	3.543	3.100	3.465	III	—	1-650930-4 ¹

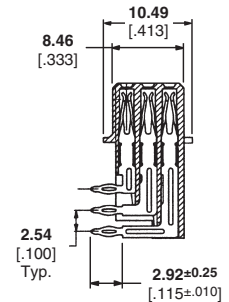
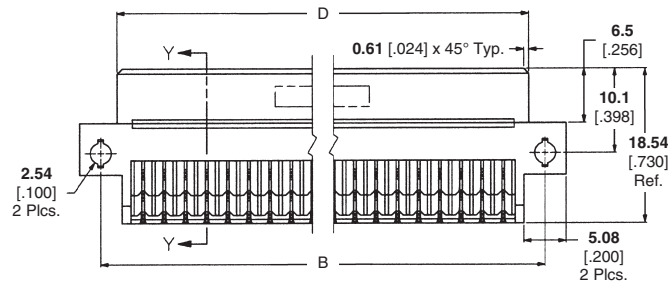
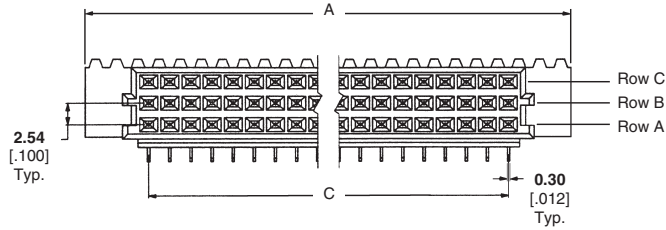
¹ Precious metal plating in contact area and for 5.08 [.200] from tip of post; gold flash on remainder of post.

Half Size (for PC Board Thicknesses 2.36 [.093] and Above)

No. of Positions	Rows Loaded	Dimensions				DIN Levels	Part Numbers	
		A	B	C	D		6.35 [.250] Post Length	13.23 [.521] Post Length
48	A,B,C	54.37	49.35	38.10	47.37	II	650918-5	650917-5
		2.140	1.943	1.500	1.865	III	—	—
32	A,C	54.37	49.35	38.10	47.37	II	650931-5	650932-5
		2.140	1.943	1.500	1.865	III	—	—

Other sizes available

Type R Receptacle with Eye of Needle Compliant Pin



Material:

Housing — Polyester, grey

Contacts — Phosphor bronze

DIN II Plating — Meets performance requirements of DIN Level II.

Related Product Data:

DIN Performance Levels — page 3086

Performance Specifications — page 3087

Standard Size

No. of Positions	Rows Loaded	Dimensions				DIN Level	Part Numbers
		A	B	C	D		
96	A,B,C	93.88 3.696	88.90 3.500	78.74 3.100	85.00 3.346	II	148292-5
	A,B A,C	93.88 3.696	88.90 3.500	78.74 3.100	85.00 3.346		
48	A,B,C	53.24 2.096	48.26 1.900	38.10 1.500	44.35 1.746	II	148359-4

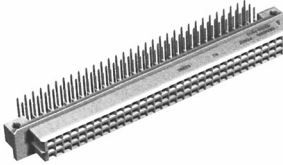
Other sizes available

Note: Connectors on this page are toolless (flat rock)



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

Female Connectors, Solder



Material:

Housing — Thermoplastic, glass fibre reinforced, UL94V-0 rated

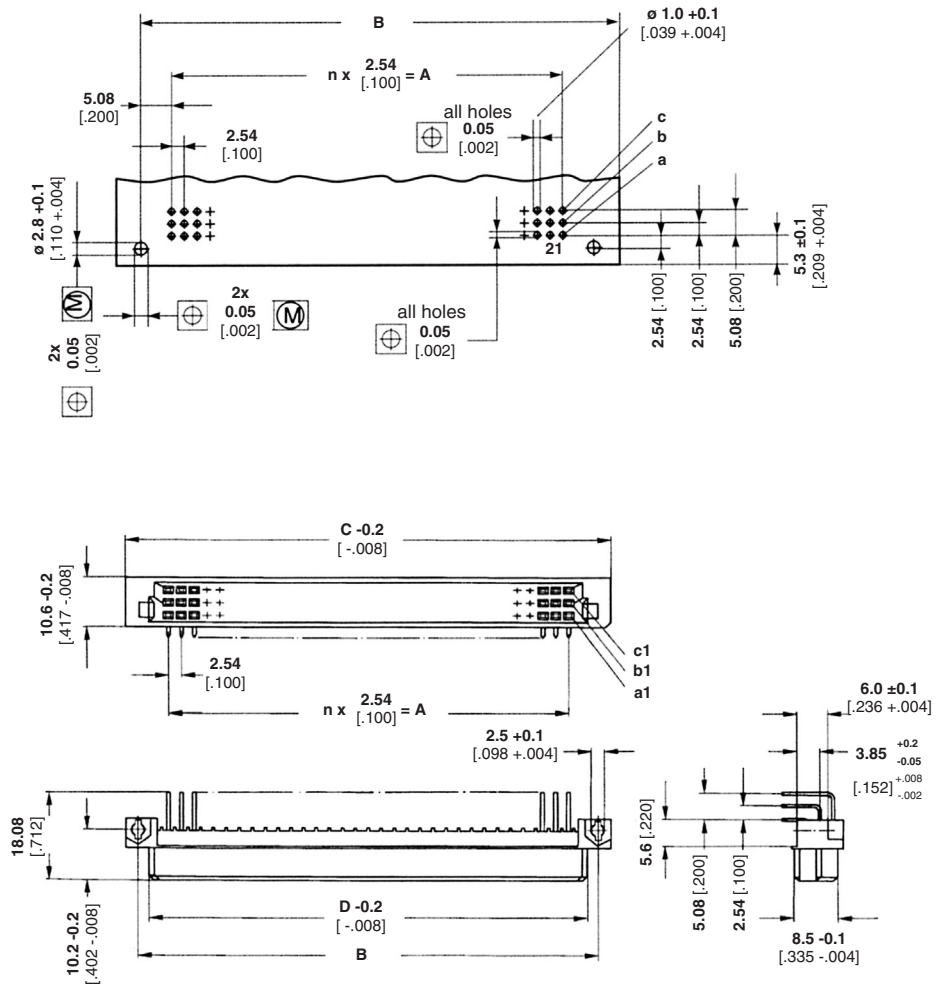
Contacts — Copper Alloy

Plating — According to DIN levels requirements.

Related Product Data:

DIN Performance Levels —
page 3089

Performance Specifications —
page 3088



Type	n	A	B	C	D
R	31.0 [1.220]	78.74 [3.100]	88.9 [3.500]	94.0 [3.701]	85.0 [3.346]
R/2	15.0 [.591]	38.1 [1.500]	48.26 [1.900]	53.36 [2.101]	44.4 [1.748]
R/3	9.0 [.354]	22.86 [.900]	33.02 [1.300]	38.12 [1.1.501]	29.12 [1.146]

	No. of Positions	Rows	DIN Levels	Length	Part Number
Half Length R/3	30	A,B,C	II	3.0 [.118]	1-1393656-9
					2-1393656-2 ¹
Half Length R/2	48	A,B,C	II	3.0 [.118]	2-1393656-7
					2-1393656-5 ¹
Full Length R	64	A,C	II	3.0 [.118]	3-1393656-6
					3-1393656-9 ¹
					2-1393656-4
	96	A,B,C	II	3.0 [.118]	2-1393656-9 ¹

¹ With mounting clip