

Micro-Strip Vertical Plugs (Board-to-Board)

**18.75 [.738]
Stacking Height**

Material and Finish

Housing — High-temperature thermo-plastic, flame retardant, natural color

Bus Bar — Phosphor bronze; duplex plated 0.00076 [.000030] gold in mating area, 0.00254 [.000100] tin-lead in terminating area, with entire bus underplated 0.00127 [.000050] nickel

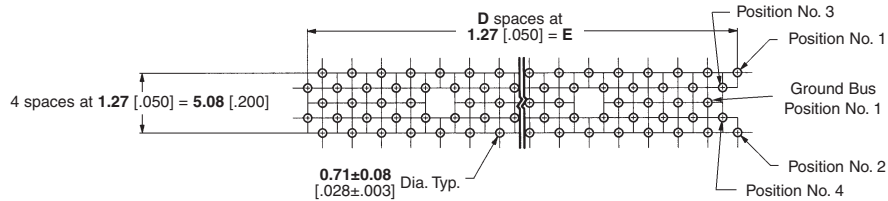
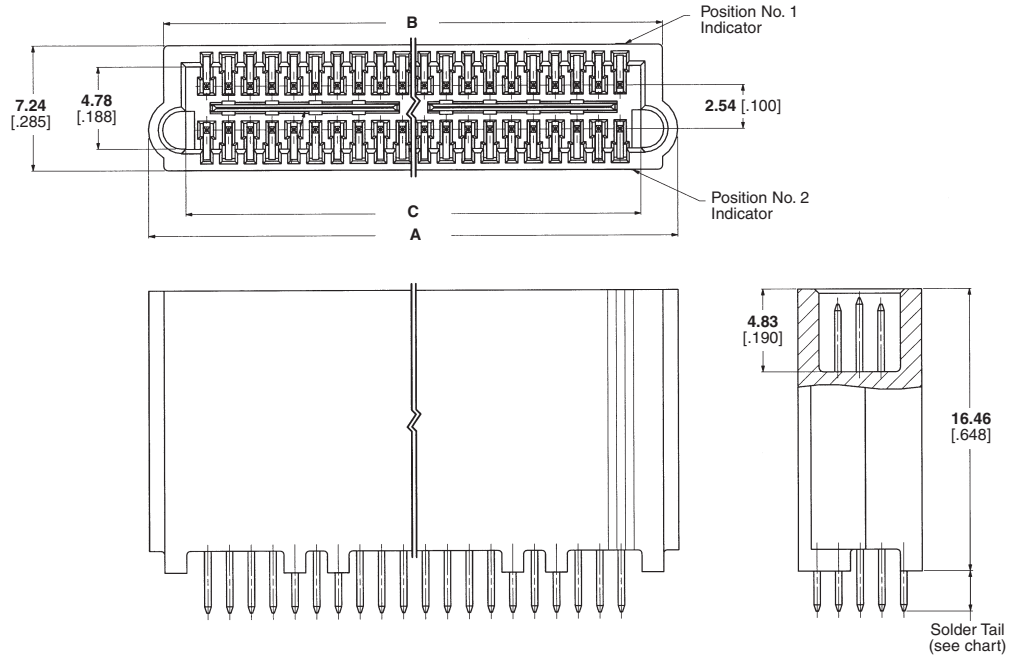
Signal Pin — Phosphor bronze; duplex plated 0.00076 [.000030] gold in mating area, 0.00254 [.000100] tin-lead in terminating area, with entire contact underplated 0.00127 [.000050] nickel

Related Product Data

Performance Characteristics — page 67

Mating Receptacles — pages 73, 74 and 76

Technical Documents — page 81



**Recommended PC Board Layout
(Component Side of Board)**

No. of Positions	Dimensions					Part Numbers		
	A	B	C	D	E	2.41 [.095] Solder Tail	3.18 [.125] Solder Tail	4.70 [.185] Solder Tail
40	30.84 1.214	29.21 1.150	26.62 1.048	19	24.13 .950	149009-1●	149011-1●	149012-1●
60	43.54 1.714	41.91 1.650	39.32 1.548	29	36.83 1.450	149009-2●	149011-2●	149012-2●
80	56.24 2.214	54.61 2.150	52.02 2.048	39	49.53 1.950	149009-3●	149011-3●	149012-3●
100	68.94 2.714	67.31 2.650	64.72 2.548	49	62.23 2.450	149009-4●	149011-4●	—
120	81.64 3.214	80.01 3.150	77.42 3.048	59	74.93 2.950	149009-5●	149011-5●	—
140	94.34 3.714	92.71 3.650	90.12 3.548	69	87.63 3.450	149009-6●	149011-6●	—
160	107.04 4.214	105.41 4.150	102.82 4.048	79	100.33 3.950	149009-7●	149011-7●	—
180	119.74 4.714	118.11 4.650	115.52 4.548	89	113.03 4.450	149009-8●	149011-8●	—
200	132.44 5.214	130.81 5.150	128.22 5.048	99	125.73 4.950	149009-9●	149011-9●	—

Note: Part Numbers are RoHS compliant except: ● Indicates non-RoHS compliant; ● Indicates "5 of 6 compliant" (lead in solderable interface only).

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