

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 6 to 64 circuits
- Contact and plating orientation according to DIN 41651
- North/south contact orientation avoids overstress
- High pin retention
- Polarized
- Friction lock

Reference Information

Product Specification: PS-99020-0001
 Packaging: Tray
 Mates With: 90142
 Designed In: Inches

Electrical

Voltage: 350V
 Current: 3.0A
 Contact Resistance: 20mΩ max.
 Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Retention to Housing: 20N (2.0kgf) min.
 Mating Force: 1N max. Gold and 3N max. Tin
 Unmating Force: 0.2N min. Gold and 0.2N min. Tin
 Normal Force: 1N

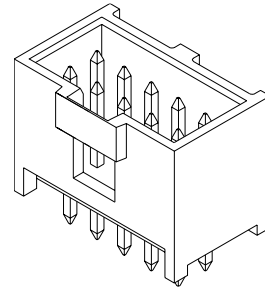
Physical

Housing: Black glass-filled polyester, UL 94V-0
 Contact: Copper Alloy, 0.64mm (.025") square pins
 Plating: See Table
 Operating Temperature: -55 to +125°C

molex® 2.54mm (.100") Pitch C-Grid III™ Shrouded Header

90130

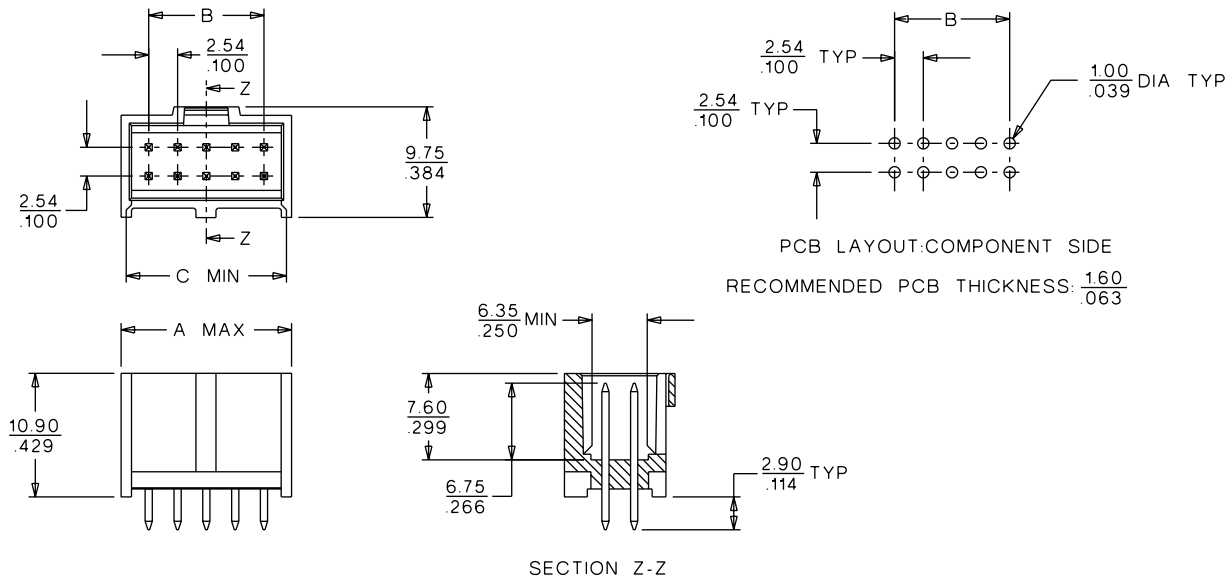
Dual Row, Vertical Fully Loaded



2.54mm (.100") Pitch

CATALOG DRAWING (FOR REFERENCE ONLY)

Not For Use With Molex SL™ Components



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.			Dimension		
	Plating A	Plating E	Plating F	A	B	C
6	90130-1106	90130-1206	90130-1306	10.34 (.407)	5.08 (.200)	7.92 (.312)
8	90130-1108	90130-1208	90130-1308	12.88 (.507)	7.62 (.300)	10.46 (.412)
10	90130-1110	90130-1210	90130-1310	15.42 (.607)	10.16 (.400)	13.00 (.512)
12	90130-1112	90130-1212	90130-1312	17.96 (.707)	12.70 (.500)	15.54 (.612)
14	90130-1114	90130-1214	90130-1314	20.50 (.807)	15.24 (.600)	18.08 (.712)
16	90130-1116	90130-1216	90130-1316	23.04 (.907)	17.78 (.700)	20.62 (.812)
18	90130-1118	90130-1218	90130-1318	25.58 (1.007)	20.32 (.800)	23.16 (.912)
20	90130-1120	90130-1220	90130-1320	28.12 (1.107)	22.86 (.900)	25.70 (1.012)
24	90130-1124	90130-1224	90130-1324	33.20 (1.307)	27.94 (1.100)	30.78 (1.212)

Circuits	Order No.			Dimension		
	Plating A	Plating E	Plating F	A	B	C
26	90130-1126	90130-1226	90130-1326	35.74 (1.407)	30.48 (1.200)	33.32 (1.312)
30	90130-1130	90130-1230	90130-1330	40.82 (1.607)	35.56 (1.400)	38.40 (1.512)
34	90130-1134	90130-1234	90130-1334	45.90 (1.807)	40.64 (1.600)	43.48 (1.712)
38	90130-1138	90130-1238	90130-1338	50.98 (2.007)	45.72 (1.800)	48.56 (1.912)
40	90130-1140	90130-1240	90130-1340	53.52 (2.107)	48.26 (1.900)	51.10 (2.012)
50	90130-1150	90130-1250	90130-1350	66.22 (2.607)	60.96 (2.400)	63.80 (2.512)
60	90130-1160	90130-1260	90130-1360	78.92 (3.107)	73.66 (2.900)	76.50 (3.012)
64	90130-1164	90130-1264	90130-1364	84.00 (3.307)	78.74 (3.100)	81.58 (3.212)

For other available circuit sizes contact Molex

Plating A: 4µm (160µ") Tin/Lead over Nickel

Plating E: 0.38µm (15µ") selective Gold over Nickel and 4µm (160µ") Tin/Lead over Nickel

Plating F: 0.76µm (30µ") selective Gold over Nickel and 4µm (160µ") Tin/Lead over Nickel