

FEATURES AND SPECIFICATIONS

Features and Benefits

- Peg-mounted for increased board retention
- Low profile for space constraints
- Positive housing locks
- Fully isolated terminals to protect contacts from damage

Reference Information

Product Specification: PS-5556-0001
 Packaging: Tray or bag
 UL File No.: E29179
 CSA File No.: LR19980
 TUV License No.: R75142
 Mates With: [5557](#) dual row receptacle
 Designed In: Millimeters

Electrical

Voltage: 600V
 Current: (Used with 16 AWG)

Circuits	2-3	4-6	7-10	12-24
Amperes-Jr.	9	8	7	6
Amperes-HCS	12	11	10	9

Contact Resistance: 10mΩ max.
 Dielectric Withstanding Voltage: 1500V
 Insulation Resistance: 1000 MΩ min.

Mechanical

Insertion Force to PCB: 5.0kg max.
 Mating Force: 0.7kg (1.54 lb) max.
 Unmating Force: 0.35kg (0.7 lb) min.
 Normal Force: 200g min.
 Durability: 30 cycles

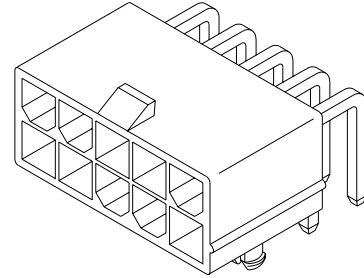
Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0
 Contact: Brass
 Plating: Tin, select Gold or overall Gold
 Operating Temperature: -40 to +105°C

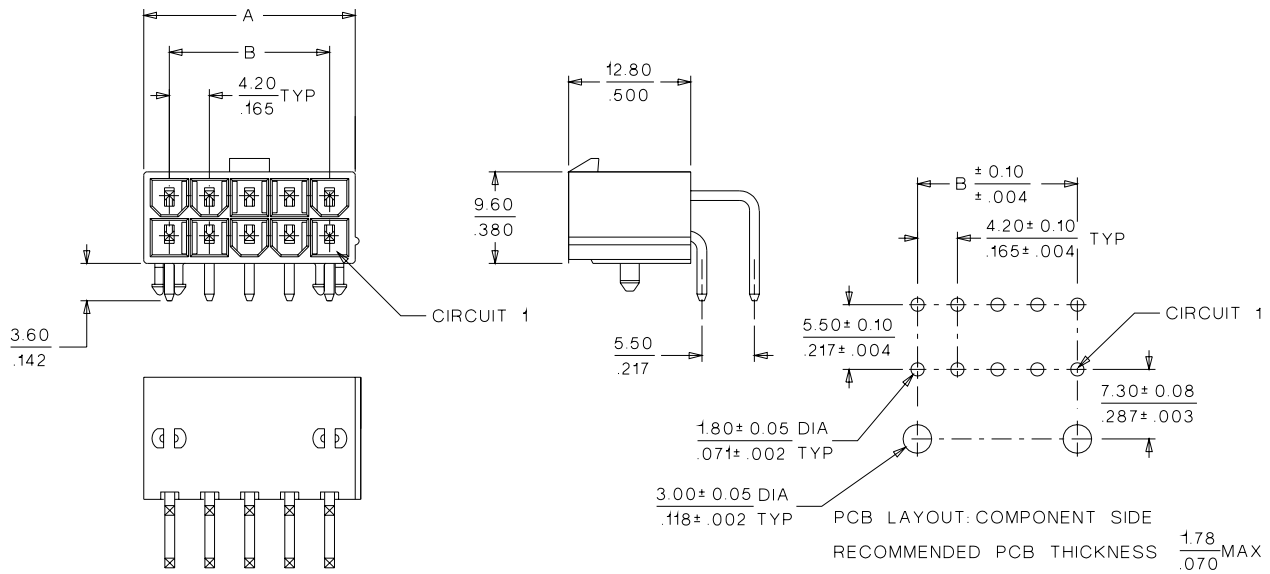
molex® 4.20mm (.165") Pitch Mini-Fit, Jr.™ Header

5569

Right Angle, Dual Row With Pegs



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.						Dimension	
	Tin Plated		Gold Plated (30μ")		Select Gold Plated (30μ")		A	B
	94V-2	94V-0	94V-2	94V-0	94V-2	94V-0		
2	● 39-30-1020	● 39-30-0020	39-30-1021	39-30-1022	39-30-0023	39-30-0024	5.40 (.213)	
4	● 39-30-1040	● 39-30-0040	39-30-1041	39-30-1042	39-30-0043	39-30-0044	9.60 (.378)	4.20 (.165)
6	● 39-30-1060	● 39-30-0060	39-30-1061	39-30-1062			13.80 (.543)	8.40 (.331)
8	● 39-30-1080	● 39-30-0080	39-30-1081	39-30-1082			18.00 (.709)	12.60 (.496)
10	● 39-30-1100	● 39-30-0100	39-30-1101	39-30-1102			22.20 (.874)	16.80 (.661)
12	● 39-30-1120	● 39-30-0120	39-30-1121	39-30-1122			26.40 (1.039)	21.00 (.827)
14	● 39-30-1140	● 39-30-0140	39-30-1141	39-30-1142			30.60 (1.205)	25.20 (.992)
16	● 39-30-1160	● 39-30-0160	39-30-1161	39-30-1162			34.80 (1.370)	29.40 (1.158)
18	● 39-30-1180		39-30-1181				39.00 (1.535)	33.60 (1.323)
20	● 39-30-1200	● 39-30-0200	39-30-1201	39-30-1202			43.20 (1.701)	37.80 (1.488)
22	● 39-30-1220		39-30-1221				47.40 (1.866)	42.00 (1.654)
24	● 39-30-1240	● 39-30-0240	39-30-1241	39-30-1242			51.60 (2.031)	46.20 (1.819)

● US Standard Product, available through Molex franchised distributors