

FEATURES AND SPECIFICATIONS

Features and Benefits

- Pegs provide increased board retention
- Ideal for low profile power applications
- Positive housing locks to mate with Mini-Fit, Jr. single row receptacles 5557
- 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
 Mates With: 5557 single row receptacle
 TUV License No.: R75142
 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

Electrical (cont'd)

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

Mechanical

Insertion Force to PCB: 49N (11.01 lb) max.
 Mating Force: 6.9N (1.54 lb) max.
 Unmating Force: 3.4N (0.7 lb) min.
 Durability: 30 cycles

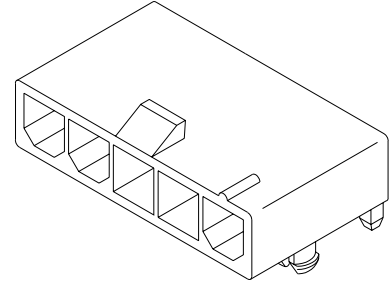
Physical

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

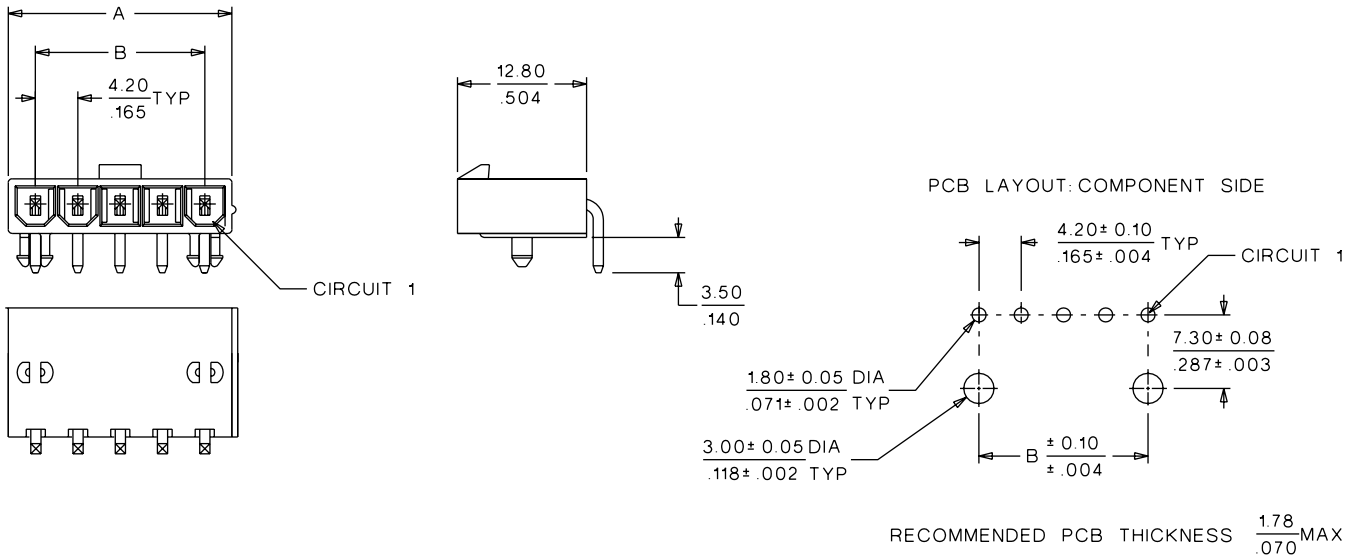
molex® 4.20mm (.165") Pitch Mini-Fit, Jr.™ Header

5569

Right Angle, Single Row With Pegs



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.				Dimension	
	Tin Plated		Gold Plated		A	B
	94V-2	94V-0	94V-2	94V-0		
3	• 39-30-3035	• 39-30-3036	• 39-30-3037	• 39-30-3038	13.80 (.540)	8.40 (.331)
4	• 39-30-3045		• 39-30-3047		18.00 (.709)	12.60 (.496)
5	• 39-30-3055	• 39-30-3056	• 39-30-3057	• 39-30-3058	22.20 (.874)	16.80 (.661)

• US Standard Product, available through Molex franchised distributors