

## 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

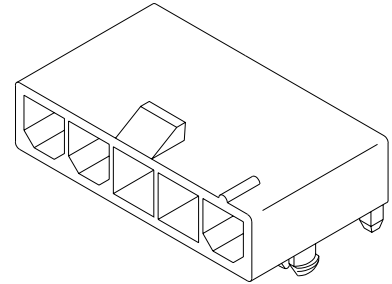
Plating: Tin, select Gold or overall Gold

Operating Temperature: -40 to +105°C

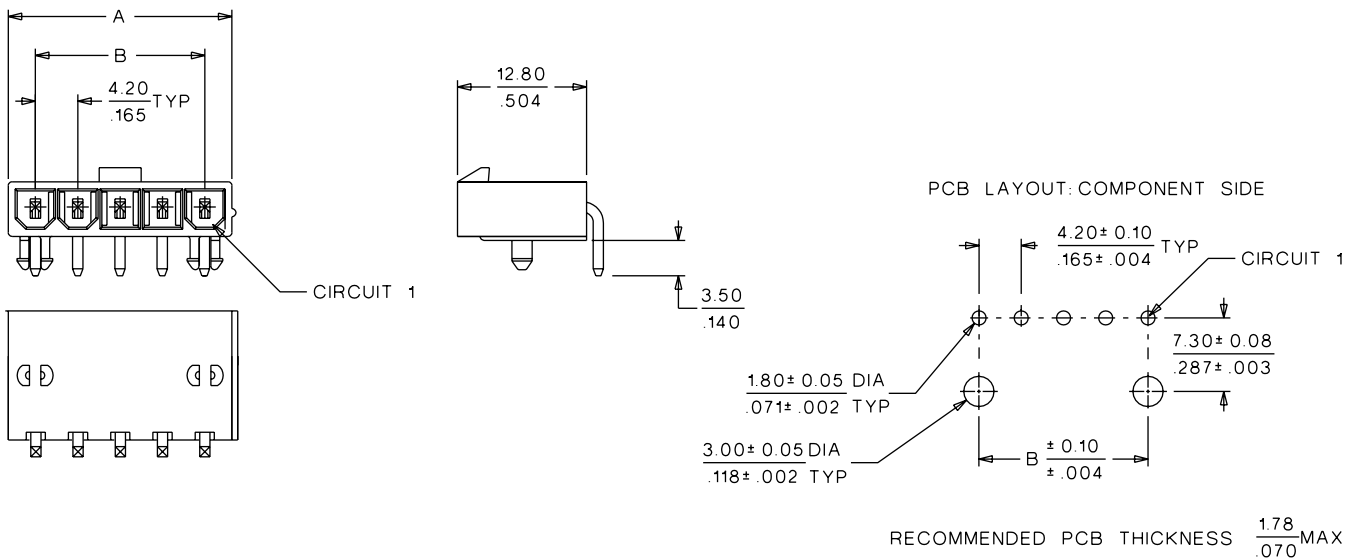
# molex® 4.20mm (.165") Pitch Mini-Fit, Jr.™ Header

## 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