

FEATURES AND SPECIFICATIONS

Features and Benefits

- Flanges allow for screw-in retention to board-mounted headers
- Low profile is ideal for power applications with space constraints

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](#) single 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

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

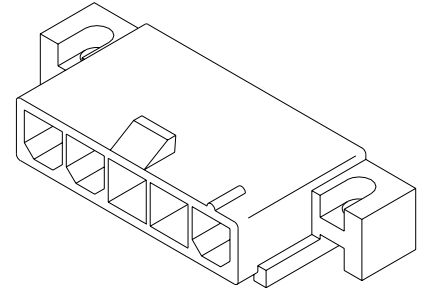
Physical

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

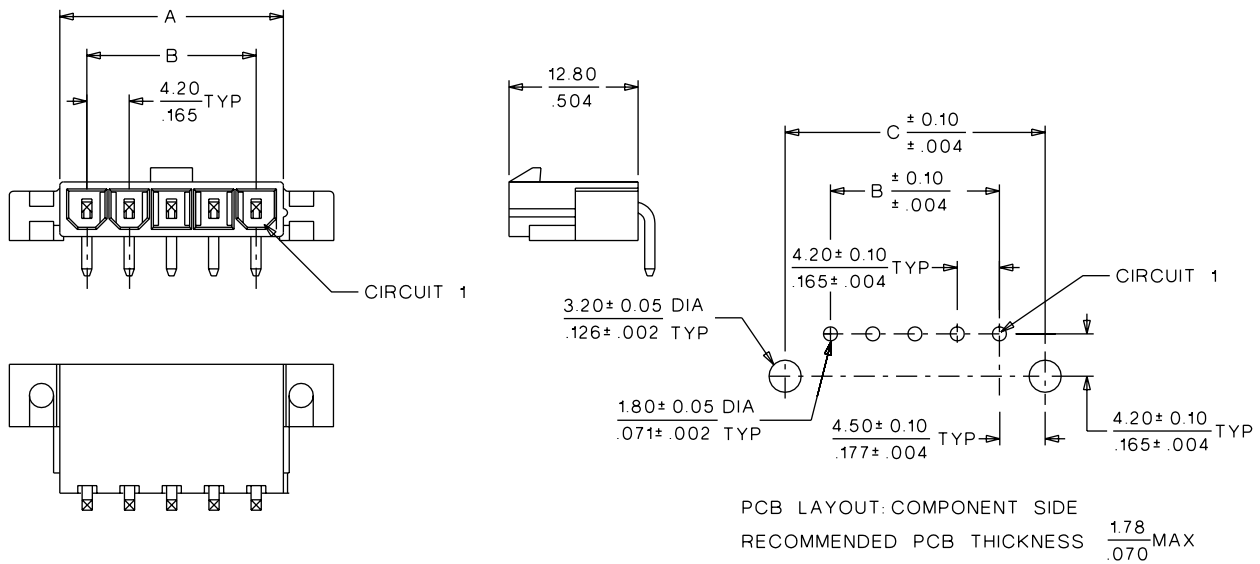
molex® 4.20mm (.165") Pitch Mini-Fit, Jr.™ Header

5569

Right Angle, Single Row With Flanges



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.				Dimension		
	Tin Plated		Gold Plated		A	B	C
	94V-2	94V-0	94V-2	94V-0			
3	• 39-30-3031	• 39-30-3032	• 39-30-3033	• 39-30-3034	13.80 (.540)	8.40 (.331)	17.40 (.685)
4	• 39-30-3041		• 39-30-3043		18.00 (.709)	12.60 (.496)	21.60 (.850)

• US Standard Product, available through Molex franchised distributors