

## FEATURES AND SPECIFICATIONS

### Features and Benefits

- Sizes 2 to 6 circuits
- Locking ramp
- Polarization through varied center spacing between circuits 1 and 2
- Plating options available (contact Molex)

### Reference Information

Packaging: Bag  
 UL File No.: E29179  
 CSA File No.: LR19980  
 Mates With: 5199-N housings  
 Designed In: Millimeters

### Electrical

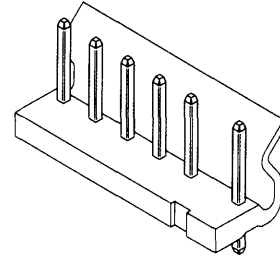
Voltage: 250V  
 Current: 7.0A  
 Contact Resistance: 10mΩ max.  
 Dielectric Withstanding Voltage: 1500V AC/1 min.  
 Insulation Resistance: 1000 MΩ min.

### Physical

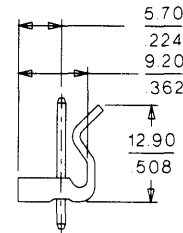
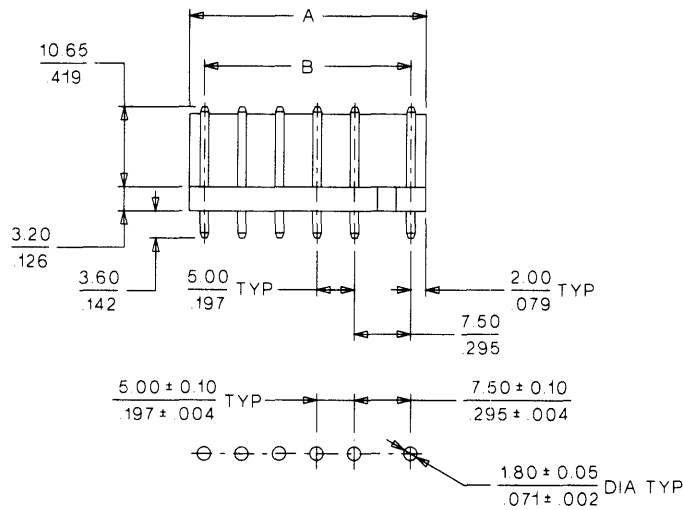
Housing: 6/6 nylon, UL 94V-2  
 Contact: Brass, 1.14mm (.045") square  
 Plating: Tin  
 Operating Temperature: -40 to +105°C

# molex® 5.00mm (.197") Pitch SPOX™ Header

## 5289-NA Vertical Friction Lock



## CATALOG DRAWING (FOR REFERENCE ONLY)



PCB LAYOUT : COMPONENT SIDE  $\frac{1.60 \pm 0.10}{}$   
 RECOMMENDED PCB THICKNESS:  $\frac{.063 \pm .004}{}$

## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension	
		A	B
2	10-31-1028	11.50 (.453)	7.50 (.295)
3	10-31-1038	16.50 (.650)	12.50 (.492)
4	10-31-1048	21.50 (.846)	17.50 (.689)
5	10-31-1058	26.50 (1.043)	22.50 (.886)
6	10-31-1068	31.50 (1.240)	27.50 (1.083)

D  
 3.00 to 7.92mm (.118 to .312") Pitch