

## FEATURES AND SPECIFICATIONS

### Features and Benefits

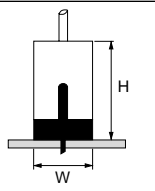
- Sizes 2 to 15 circuits
- Potting type used for sealing components in white goods applications
- Bottom ridge protects terminal signal area during potting

### Reference Information

Packaging: Tray  
 UL File No.: E29179  
 Mates With: [51102](#) and [51103](#)  
 Designed In: Millimeters

#### Mating Dimensions

1.53517/51102/50351  
 H=17.5mm W=6.8mm  
 2.53517/51103/50351  
 H=17.5mm W=7.6mm



### Electrical

Voltage: 250V  
 Current: 3.0A  
 Contact Resistance: 20mΩ max.  
 Dielectric Withstanding Voltage: 1000V AC/1 min.  
 Insulation Resistance: 1000 MΩ min.

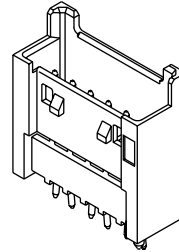
### Physical

Housing: 6/6 nylon, UL 94V-0  
 Contact: Phosphor Bronze  
 Plating: Tin  
 Operating Temperature: -40 to +105°C

# molex® 2.50mm (.098") Pitch Wire-to-Board Header

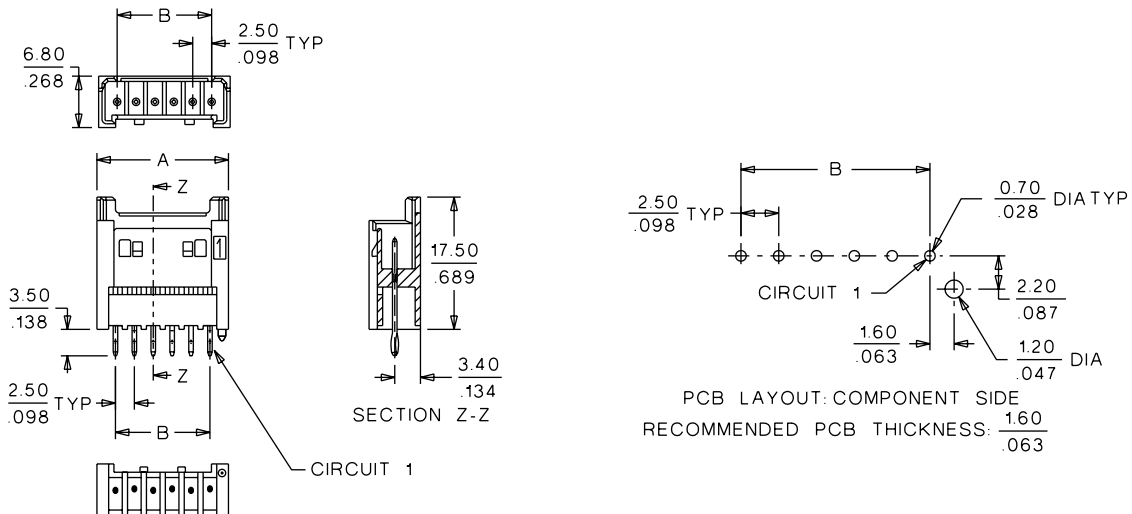
## 53517

## Vertical



B  
2.00 to 2.50mm (.079 to .098") Pitch

## CATALOG DRAWING (FOR REFERENCE ONLY)



## ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension	
		A	B
2	53517-0210	7.4 (.291)	2.50 (.098)
3	53517-0310	9.9 (.390)	5.00 (.197)
4	53517-0410	12.4 (.488)	7.50 (.295)
5	53517-0510	14.9 (.587)	10.00 (.394)
6	53517-0610	17.4 (.685)	12.50 (.492)
7	53517-0710	19.9 (.783)	15.00 (.591)
8	53517-0810	22.4 (.882)	17.50 (.689)
9	53517-0910	24.9 (.980)	20.00 (.787)
10	53517-1010	27.4 (1.079)	22.50 (.886)
11	53517-1110	29.9 (1.177)	25.00 (.984)
12	53517-1210	32.4 (1.276)	27.50 (1.083)
13	53517-1310	34.9 (1.374)	30.00 (1.181)
14	53517-1410	37.4 (1.472)	32.50 (1.280)
15	53517-1510	39.9 (1.571)	35.00 (1.378)