

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 2 to 15 circuits
- Locking windows provide secure mating

Reference Information

Packaging: Bag
UL File No.: E29179
CSA File No.: LR19980
Mates With: **51004**
Designed In: Millimeters

Electrical

Voltage: 125V
Current:

AWG	24	26	28	30-34
Amperes	2.0	1.5	1.0	0.5

Contact Resistance: 20mΩ max.
Dielectric Withstanding Voltage: 500V AC/1 min.
Insulation Resistance: 1000 MΩ min.

Physical

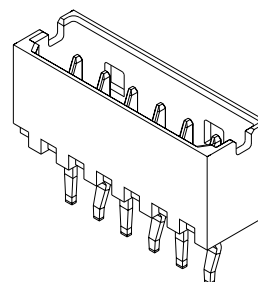
Housing: Glass-filled 6/6 nylon, UL 94V-0
Contact: Phosphor Bronze
Plating: Tin
Operating Temperature: -20 to +85°C



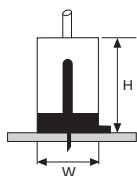
2.00mm (.079") Pitch Wire-to-Board Header

53014

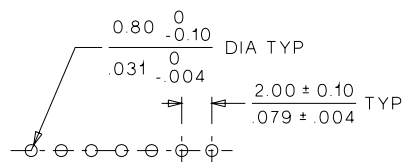
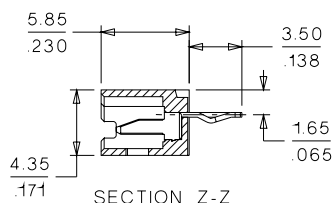
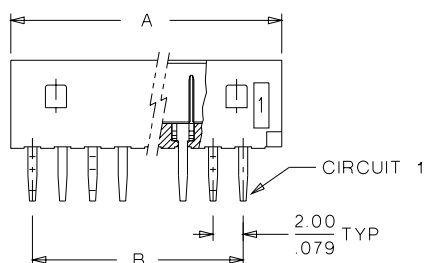
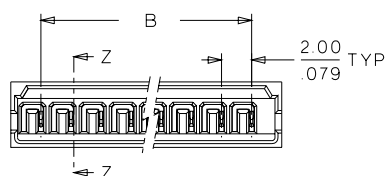
Vertical



Mating Dimensions
53014 • 51004 • 50011
H=7.6mm W=4.4mm



CATALOG DRAWING (FOR REFERENCE ONLY)



PCB LAYOUT: COMPONENT SIDE

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

ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension	
		A	B
2	53014-0210	6.00 (.236)	2.00 (.079)
3	53014-0310	8.00 (.315)	4.00 (.157)
4	53014-0410	10.00 (.394)	6.00 (.236)
5	53014-0510	12.00 (.472)	8.00 (.315)
6	53014-0610	14.00 (.551)	10.00 (.394)
7	53014-0710	16.00 (.630)	12.00 (.472)
8	53014-0810	18.00 (.709)	14.00 (.551)
9	53014-0910	20.00 (.787)	16.00 (.630)
10	53014-1010	22.00 (.866)	18.00 (.709)
11	53014-1110	24.00 (.945)	20.00 (.787)
12	53014-1210	26.00 (1.024)	22.00 (.866)
13	53014-1310	28.00 (1.102)	24.00 (.945)
14	53014-1410	30.00 (1.181)	26.00 (1.024)
15	53014-1510	32.00 (1.260)	28.00 (1.102)

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

B