

FEATURES AND SPECIFICATIONS

Features and Benefits

- Sizes 10 to 60 circuits
- Housing lance provides extra terminal retention
- Friction lock on circuits 10 to 28 provides additional mating retention

Reference Information

Packaging: Bag
 CSA File No.: LR 19980
 Mates With: [53313](#) and [53314](#)
 Use With: [50212](#)
 Designed In: Millimeters

Electrical

Voltage: 125V
 Current:

AWG	24	26	28	30
Amperes	2.0	1.5	1.0	0.5

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

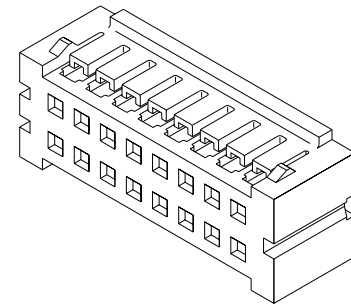
Physical

Housing: Gray glass-filled PBT, UL 94V-0
 Operating Temperature: -40 to +105°C



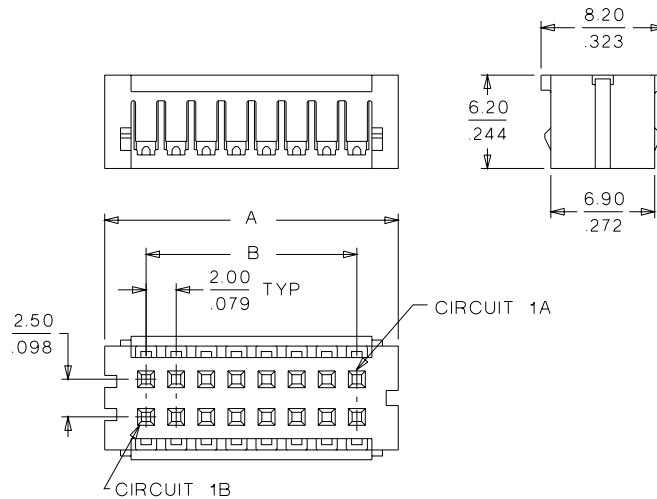
2.00mm (.079") Pitch Mi II System Wire-to-Board Housing

51089 Dual Row Crimp



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

CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.	Dimension		Friction Lock
		A	B	
10	51089-1005	13.50 (.531)	8.00 (.315)	Yes
12	51089-1205	15.50 (.610)	10.00 (.394)	Yes
14	51089-1405	17.50 (.689)	12.00 (.472)	Yes
16	51089-1605	19.50 (.768)	14.00 (.551)	Yes
18	51089-1805	21.50 (.846)	16.00 (.630)	Yes
20	51089-2005	23.50 (.925)	18.00 (.709)	Yes
22	51089-2205	25.50 (1.004)	20.00 (.787)	Yes
24	51089-2405	27.50 (1.083)	22.00 (.866)	Yes
26	51089-2605	29.50 (1.161)	24.00 (.945)	Yes
28	51089-2805	31.50 (1.240)	26.00 (1.024)	Yes
30	51089-3005	33.50 (1.319)	28.00 (1.102)	No
34	51089-3405	37.50 (1.476)	32.00 (1.260)	No
40	51089-4005	43.50 (1.713)	38.00 (1.496)	No
50	51089-5005	53.50 (2.106)	48.00 (1.890)	No
60	51089-6005	63.50 (2.500)	58.00 (2.283)	No