

FEATURES AND SPECIFICATIONS

Features and Benefits

- Friction lock
- Panel and PCB mountable
- 1-piece strain relief available, 41316 series
- Polarized housing assures proper mating
- Male and female terminals may be used in receptacle housing

Reference Information

Packaging: Bag
 UL File No.: E29179
 CSA File No.: LR19980
 Use With: Standard .062" terminal
 Designed In: Inches

Electrical

Voltage: 250V
 Current: 5.0A max.*
 Dielectric Withstanding Voltage: 1500V AC rms

Mechanical

Contact Retention to Housing: 20 lb min.

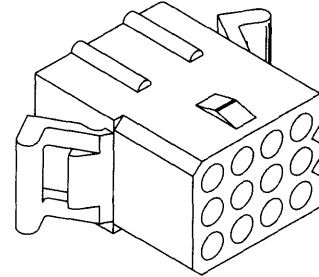
Physical

Housing: Nylon, UL 94V-2
 Operating Temperature: -40 to +105°C

* Depending on circuit size and wire gauge; please refer to product specifications

molex® 3.68mm (.145") Pitch .062" Pin and Socket Receptacle

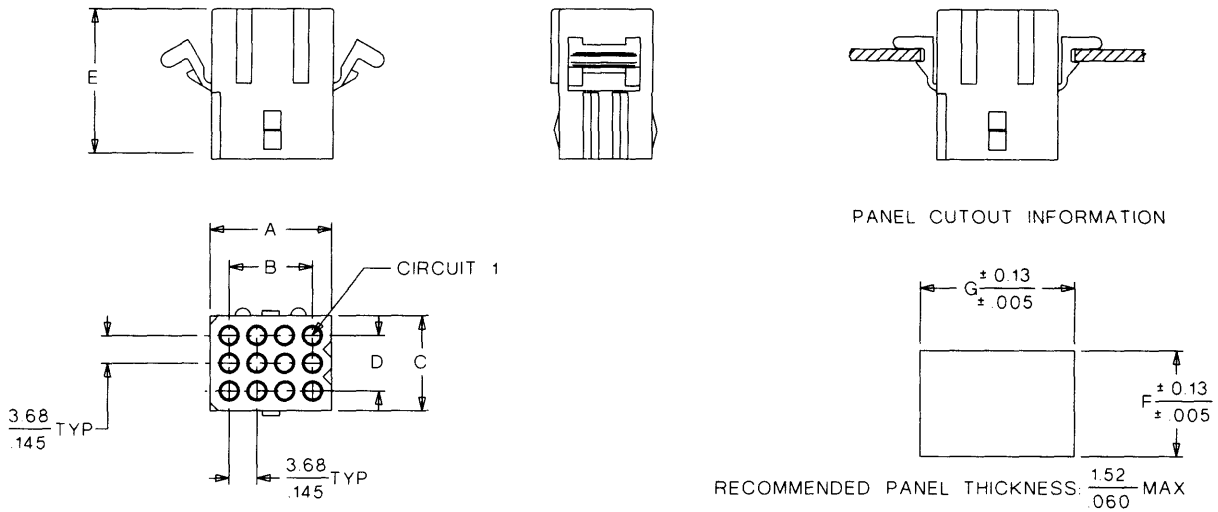
Standard .062"



Power Connectors

CATALOG DRAWING (FOR REFERENCE ONLY)

12 CIRCUIT SHOWN



ORDERING INFORMATION AND DIMENSIONS

Circuits	Series	Order No.		Amperes per Circuit	Dimension							
		Panel Mount	Free Hanging		A	B	C	D	E	F	G	
1	1625		• 03-06-1011	5	4.90 (.190)					19.80 (.780)		
2	1625	• 03-06-1022	• 03-06-1023	5	8.60 (.340)	3.68 (.145)	4.90 (.190)			20.60 (.810)	6.73 (.265)	12.83 (.505)
3	1625	• 03-06-1038	• 03-06-1032	5	12.30 (.480)	7.36 (.290)	4.90 (.190)			19.80 (.780)	6.73 (.265)	16.51 (.650)
4 (1 x 4)	1625	• 03-06-1041	• 03-06-1042	5	16.00 (.630)	11.04 (.435)	4.90 (.190)			19.80 (.780)	6.60 (.260)	19.94 (.785)
4 (2 x 2)	2004	• 03-06-1043	• 03-06-1044	5	8.60 (.340)	3.68 (.145)	8.60 (.340)	3.68 (.145)		19.60 (.770)	10.16 (.400)	12.85 (.506)
5	1625	• 03-06-1055	• 03-06-1056	5	19.70 (.780)	14.72 (.580)	4.90 (.190)			19.80 (.780)	6.73 (.265)	23.88 (.940)
6	1625	• 03-06-1061	• 03-06-1062	5	8.70 (.340)	3.68 (.145)	12.50 (.490)	7.36 (.290)		19.80 (.780)	12.83 (.505)	14.02 (.552)
9	1625	• 03-06-1091	• 03-06-1092	5	12.40 (.490)	7.36 (.290)	12.40 (.490)	7.36 (.290)		19.80 (.780)	14.02 (.552)	16.51 (.650)
12	1625	• 03-06-1121	• 03-06-1122	5	16.10 (.630)	11.04 (.435)	12.50 (.490)	7.36 (.290)		19.80 (.780)	14.30 (.563)	20.19 (.795)
15	1625	• 03-06-6155	• 03-06-1152	5	19.50 (.770)	14.72 (.580)	12.40 (.490)	7.36 (.290)		19.80 (.780)	14.45 (.569)	23.62 (.930)
24	1625	• 03-06-1241		5	23.30 (.920)	18.40 (.725)	16.10 (.630)	11.04 (.435)		19.10 (.750)	18.16 (.715)	27.41 (1.079)
36 ¹	1772	• 03-06-1361	• 03-06-1362	5	38.20 (1.510)	29.44 (1.160)	17.50 (.690)	11.04 (.435)		19.80 (.780)	17.96 (.707)	42.60 (1.677)

• US Standard Product, available through Molex franchised distributors

¹ 36-circuit receptacle is on a 4.19mm (.165") pitch