

FEATURES AND SPECIFICATIONS

Features and Benefits

- Blind mating panel mounted plug
- Positive housing locks to mate with Mini-Fit, Jr.
- Fully isolated terminals to protect contacts from damage
- Uses standard Mini-Fit series terminals
- 43770 provides first-mate/last-break capability

Reference Information

Product Specification: PS-5556-0002

Packaging: Tray and bag

UL File No.: E29179

CSA File No.: LR19980

TUV License No.: R75142

Mates With:

42475—5557, 42385 and 42474 receptacles

43770—43760 receptacle

Use With:

42475—5558, 44475 (HCS) and 44478 terminals

43770—5558, 44475 (HCS) and 44478 terminals

Designed In: Millimeters

Mechanical

Contact Insertion Force: 1.5kg max.

Contact Retention to Housing: 3.0kg min.

Wire Pull-Out Force: 9.0kg min.

Mating Force: 0.7kg (1.54 lb) max.

Unmating Force: 0.35kg (0.7 lb) min.

Normal Force: 200g min.

Durability: 30 cycles

Physical

Housing: 6/6 nylon, UL 94V-2 or 94V-0

Contact: Brass or Phosphor Bronze

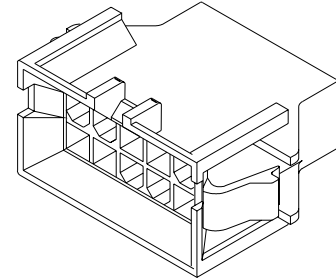
Plating: Tin, select Gold or overall Gold

Operating Temperature: -40 to +105°C

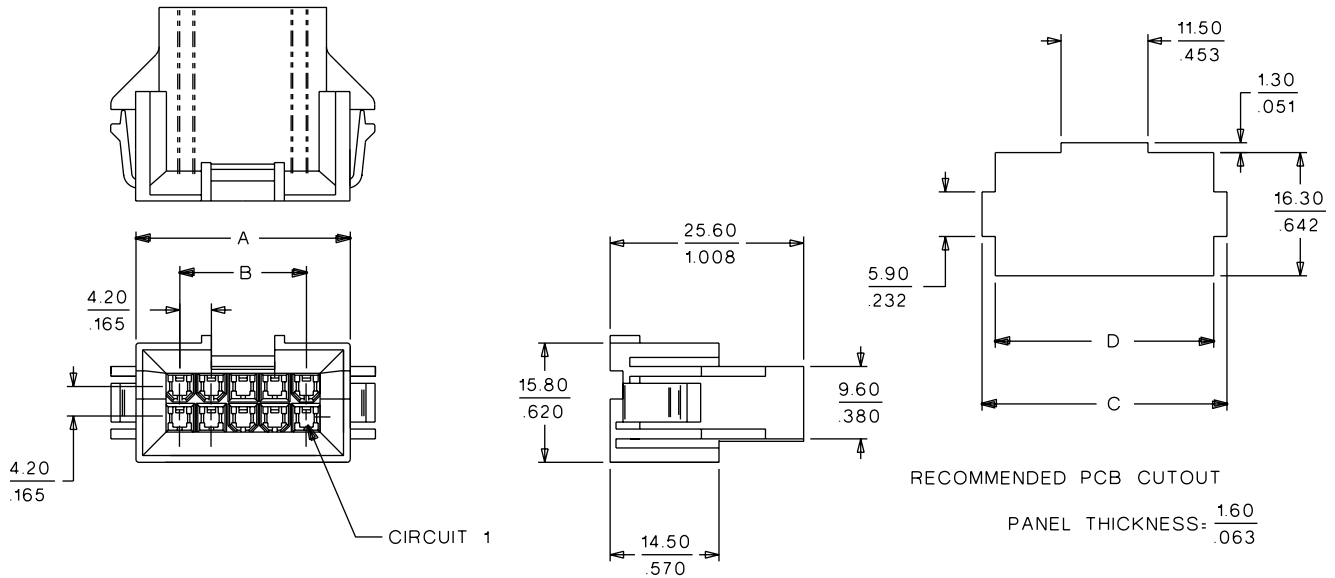
molex® 4.20mm (.165") Pitch Mini-Fit, BMI™ Plug

42475/43770

Dual Row With Panel Mount Ears



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.		Dimension			
	94V-2	94V-0	A	B	C	D
4	• 15-06-0045	• 15-06-0046	15.80 (.622)	4.20 (.165)	19.80 (.779)	16.30 (.642)
6	• 15-06-0065		20.00 (.787)	8.40 (.331)	24.00 (.945)	20.50 (.807)
8	• 15-06-0085		24.20 (.952)	12.60 (.496)	28.20 (1.110)	24.70 (.972)
10	• 15-06-0105	• 15-06-0106	28.40 (1.118)	16.80 (.661)	32.40 (1.276)	28.90 (1.138)
14	• 15-06-0145	• 15-06-0146	36.80 (1.449)	25.20 (.992)	40.80 (1.606)	37.30 (1.469)
18	• 15-06-0185	• 15-06-0186	45.20 (1.780)	33.60 (1.323)	49.20 (1.937)	45.70 (1.799)
20	• 15-06-0205		49.40 (1.945)	37.80 (1.488)	53.40 (2.102)	49.90 (1.965)
24	• 15-06-0245		57.80 (2.276)	46.20 (1.819)	61.80 (2.433)	58.30 (2.295)
36	• 43770-0001		79.50 (3.130)	71.40 (2.811)	87.00 (3.430)	83.49 (3.290)

• US Standard Product, available through Molex franchised distributors