

FEATURES AND SPECIFICATIONS

Features and Benefits

- EMI/RFI shielding
- Kinked metal PCB hold downs provide stable retention to the PCB
- Positive polarization
- Select terminal loading—contact Molex

Reference Information

Product Specification: PS-87220
 Packaging: Tube
 UL File No.: E29179(N)
 Mates With: Industry standard Mini-DIN plug
 Designed In: Millimeters

Electrical

Voltage: 12V
 Current: 2.0A
 Contact Resistance: 50mΩ max.
 Dielectric Withstanding Voltage: 250V AC
 Insulation Resistance: 1000 MΩ min.

Mechanical

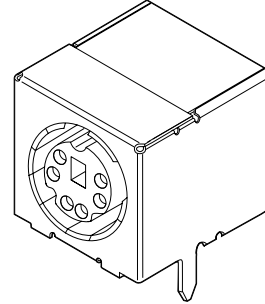
Contact Insertion Force: 71g (2.50 oz)
 Contact Retention to Housing: 2kg (4.41 lb) min.
 Mating Force: 4.5kg (9.92 lb) max.
 Unmating Force: 0.9kg (1.98 lb) min.
 Durability: 500 cycles min.

Physical

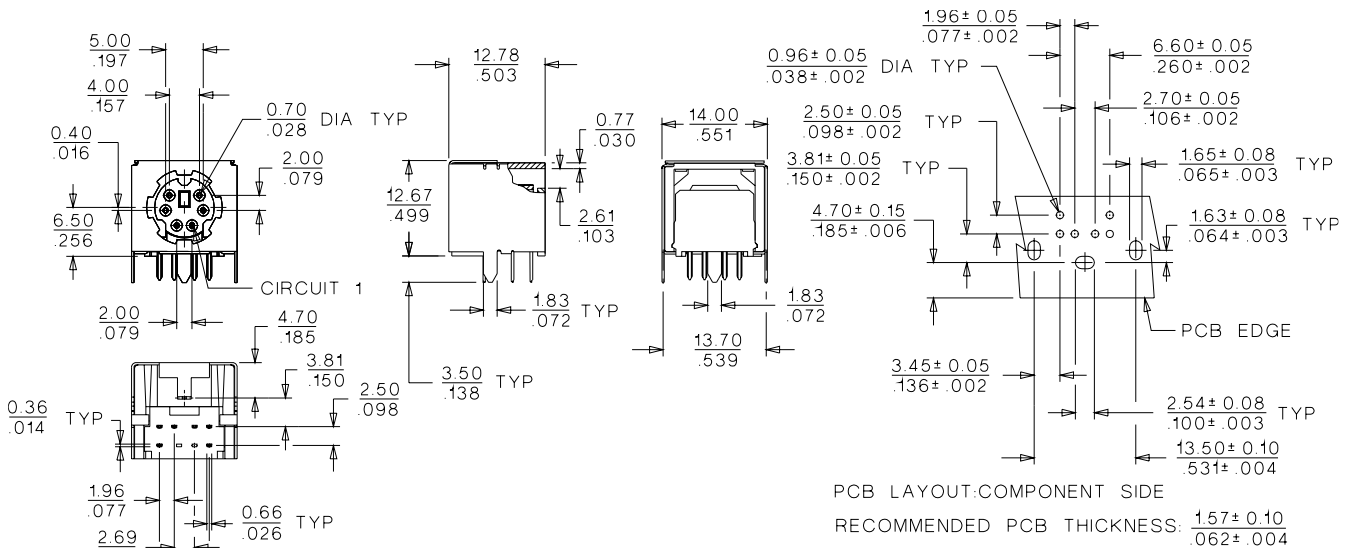
Housing: Glass-filled polyester, UL 94V-0
 Contact: Phosphor Bronze
 Plating: 0.76μm (30μ") min. select Gold with Tin/Lead on PC tails
 Operating Temperature: -40 to +105°C

molex® Mini-DIN PCB Receptacle

87220 Front Shield Design



CATALOG DRAWING (FOR REFERENCE ONLY)



I/O Connectors

N

ORDERING INFORMATION

Circuits	Order No.			
	Without Kink		With Kink	
	Gray Housing	Black Housing	Gray Housing	Black Housing
4	87220-0410	87220-0411	87220-1410	87220-1411
6	87220-0610	87220-0611	87220-1610	• 87220-1611
8	87220-0810	87220-0811	87220-1810	87220-1811

• US Standard Product, available through Molex franchised distributors