

FEATURES AND SPECIFICATIONS

Features and Benefits

- Polarizing side posts and PCB pegs
- Stamped contacts with in-line, flat blades
- 2 points of contact with female terminal
- Rigid, staggered solder tails
- Friction lock
- Tube option packaging for robotic delivery, contact Molex for part numbers

Reference Information

Product Specification: PS-99020-0011
 Packaging: Bag or tube
 UL File No.: E29179
 CSA File No.: LR19980-181
 Mates With: [90327](#)
 Designed In: Millimeters

Electrical

Voltage: 250V
 Current: 1.2A
 Contact Resistance: 15mΩ max.
 Dielectric Withstanding Voltage: 750V rms
 Insulation Resistance: 1000 MΩ min.

Mechanical

Contact Retention to Housing: 7N
 Mating Force: 1.7N Tin/Lead and 1.1N Gold
 Unmating Force: 0.25N Tin/Lead and 0.25N Gold
 Durability: 30 cycles max. Tin/Lead and 100 cycles max.
 Gold (using extraction tool)

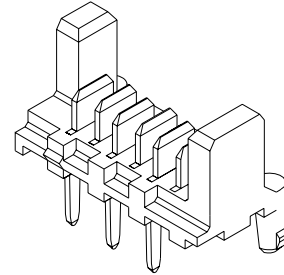
Physical

Housing: Black, 15% glass-filled polyester, UL 94V-0
 Contact: Brass
 Plating: See Table
 Operating Temperature: -40 to +105°C

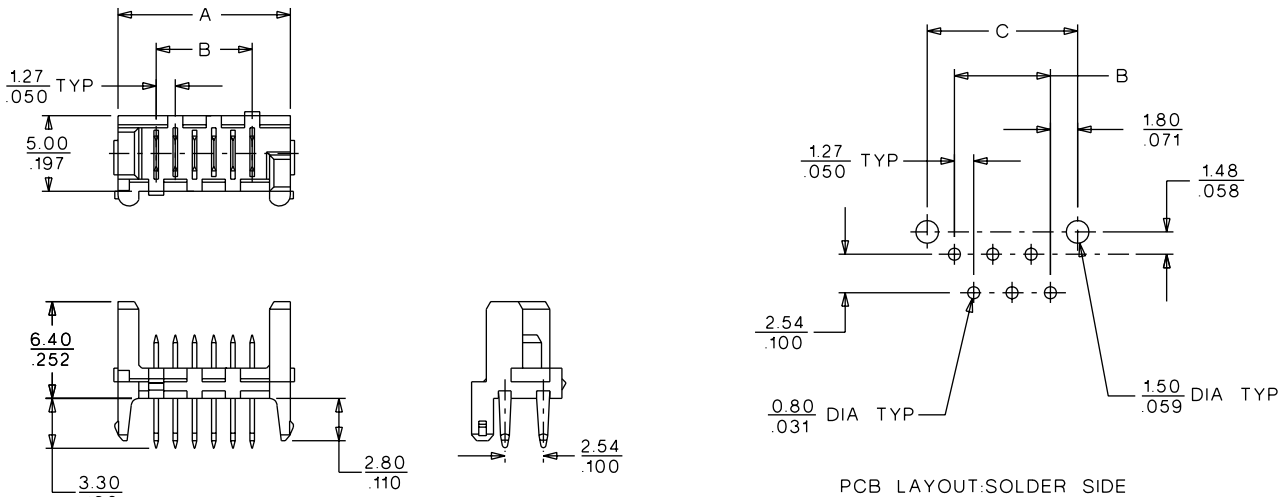
molex® 1.27mm (.050") Pitch Picoflex™ PF-50 Header

90325

Low Profile



CATALOG DRAWING (FOR REFERENCE ONLY)



ORDERING INFORMATION AND DIMENSIONS

| Circuits | Order No. | | Dimension | | |
|----------|------------|------------|---------------|---------------|---------------|
| | Plating 1 | Plating 2 | A | B | C |
| 4 | 90325-0004 | 90325-3004 | 8.86 (.349) | 3.81 (.150) | 7.41 (.292) |
| 6 | 90325-0006 | 90325-3006 | 11.40 (.449) | 6.35 (.250) | 9.95 (.392) |
| 8 | 90325-0008 | 90325-3008 | 13.94 (.549) | 8.89 (.350) | 12.49 (.492) |
| 10 | 90325-0010 | 90325-3010 | 16.48 (.649) | 11.43 (.450) | 15.03 (.592) |
| 12 | 90325-0012 | 90325-3012 | 19.02 (.749) | 13.97 (.550) | 17.57 (.692) |
| 14 | 90325-0014 | 90325-3014 | 21.56 (.849) | 16.51 (.650) | 20.11 (.792) |
| 16 | 90325-0016 | 90325-3016 | 24.10 (.949) | 19.05 (.750) | 22.65 (.892) |
| 18 | 90325-0018 | 90325-3018 | 26.64 (1.049) | 21.59 (.850) | 25.19 (.992) |
| 20 | 90325-0020 | 90325-3020 | 29.18 (1.149) | 24.13 (.950) | 27.73 (1.092) |
| 26 | 90325-0026 | 90325-3026 | 36.80 (1.448) | 31.75 (1.249) | 35.35 (1.391) |

Plating 1: 4-6μm (160-240μ") Tin/Lead

Plating 2: 0.76μm (30μ") Select Gold