

FEATURES AND SPECIFICATIONS

Features and Benefits

- 1-piece housing assures precise positioning of cable
- Molded-in polarization
- 4 points of contact with ribbon cable
- Preloaded contacts
- Accepts 28 or 26 AWG (7 strand) ribbon cable
- Tape option for high-speed termination, contact factory for part numbers

Reference Information

Product Specification: PS-99020-0011

Packaging: Bag (tape optional)

Tooling Information: See end of section

UL File No.: E29179

CSA File No.: LR19980-181

Mates With: 90325, 90715, 90779, 90800 and 90814

Use Molex Cable: 6800, 8863 and 40158

Designed In: Millimeters

Electrical

Voltage: 250V

Current: 1.2A

Contact Resistance: 15mΩ max.

Dielectric Withstanding Voltage: 750V rms

Insulation Resistance: 1000 MΩ min.

Mechanical

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: White polyester, UL 94V-0

Contact: Phosphor Bronze Alloy

Plating: See Table

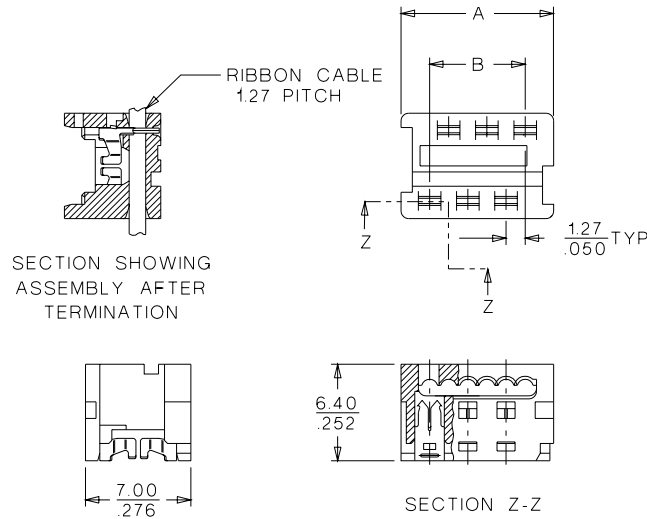
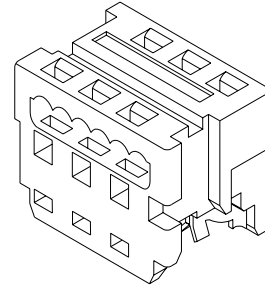
Temperature: -40 to +105°C

Cable Accommodation: 26 and 28 AWG stranded

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

90327

Low Profile, IDT



ORDERING INFORMATION AND DIMENSIONS

Circuits	Order No.		Dimension	
	Plating 1	Plating 2	A	B
4	90327-0304	90327-3304	7.59 (.299)	3.81 (.150)
6	90327-0306	90327-3306	10.13 (.399)	6.35 (.250)
8	90327-0308	90327-3308	12.67 (.499)	8.89 (.350)
10	90327-0310	90327-3310	15.21 (.599)	11.43 (.450)
12	90327-0312	90327-3312	17.75 (.699)	13.97 (.550)
14	90327-0314	90327-3314	20.29 (.799)	16.51 (.650)
16	90327-0316	90327-3316	22.83 (.899)	19.05 (.750)
18	90327-0318	90327-3318	25.37 (.999)	21.59 (.850)
20	90327-0320	90327-3320	27.91 (1.099)	24.13 (.950)
26	90327-0326	90327-3326	35.53 (1.399)	31.75 (1.250)

Plating 1: 3-6µm (120-240µ") Tin/Lead

Plating 2: 0.76µm (30µ") Select Gold