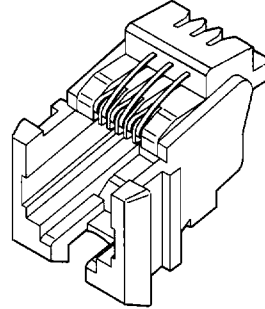


**90133  
Low Profile  
IDT**



**FEATURES AND SPECIFICATIONS**

**Features and Benefits**

- 1-piece construction
- Low profile—recommended for applications in handsets
- Front part may be adapted to customer specifications
- Active part of contact Gold-plated Tin in IDT area
- Available in loose or strip form for high-volume applications
- Uses insulation displacement technology for mass termination

**Reference Information**

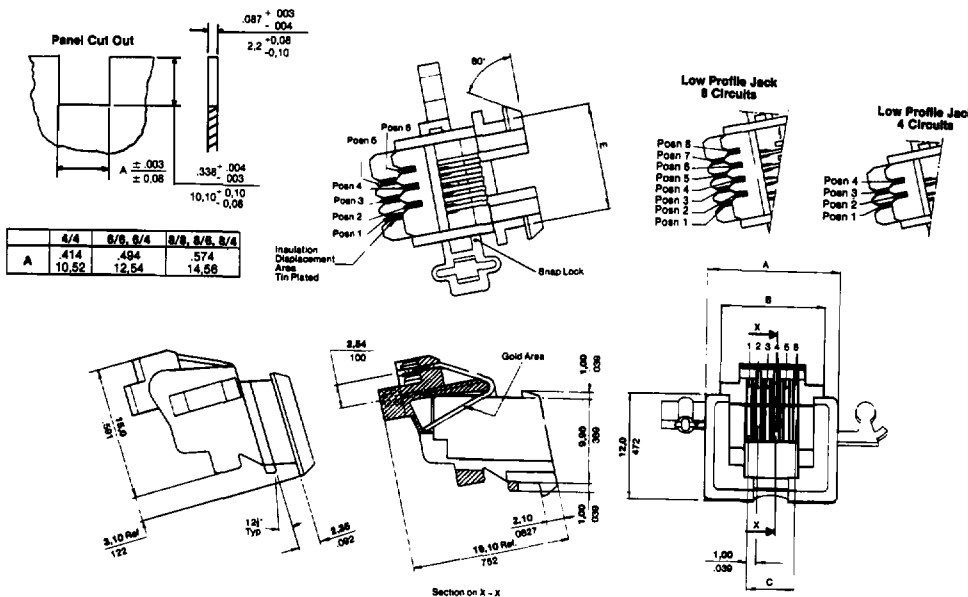
Product Specification: PSX90133-E  
 Packaging: Strip mounted or loose piece  
 Mates With: FCC 68 plugs  
 Designed In: Millimeters

**Electrical**

Voltage: 125V  
 Current: 1.5A  
 Contact Resistance: 20mΩ max.  
 Dielectric Withstanding Voltage: 1000V  
 Insulation Resistance: 500 MΩ min.

**Physical**

Housing: Black polyester, UL 94V-0  
 Contact: Phosphor Bronze  
 Plating: See Table  
 Temperature: -55 to +105°C  
 Wire: Intended to terminate 26 AWG stranded topcoated wire and solid wire or 24 AWG stranded wire



**ORDERING INFORMATION AND DIMENSIONS**

Circuits	Loaded Contacts	Order No.		Dimension			
		Strip Mounted	Loose Piece	A	B	C	E
4	4	90133-0001	90133-7001	13.15 (.518)	10.20 (.402)	3.05 (.120)	10.35 (.407)
6	6	90133-0002	90133-7002	15.20 (.600)	12.20 (.480)	5.08 (.200)	12.35 (.486)
6	4	90133-0003	90133-7003	15.20 (.600)	12.20 (.480)	5.08 (.200)	12.35 (.486)
6	2	90133-0004	90133-7004	15.20 (.600)	12.20 (.480)	5.08 (.200)	12.35 (.486)
8	8	90133-0006	90133-7006	17.22 (.678)	14.22 (.560)	7.11 (.280)	14.38 (.566)

Plating: ID area plated with 1.27µm (50µ") min. electro Tin over 1.27µm (50µ") min. Nickel overall. Area of contact with retainer 1.27µm (50µ") min. Gold in contact area over 1.27µm (50µ") min. Nickel overall.

