

### Technical Characteristics

**Material** : Phosphor Bronze

**Contact Resistance**

**Tin Plated**

**Initial Contact Resistance** : 10 mΩ @ 3A

**After 500 Cycles** : 50 mΩ @ 3A

**Gold Plated**

**Initial Contact Resistance** : 40 mΩ @ 3A

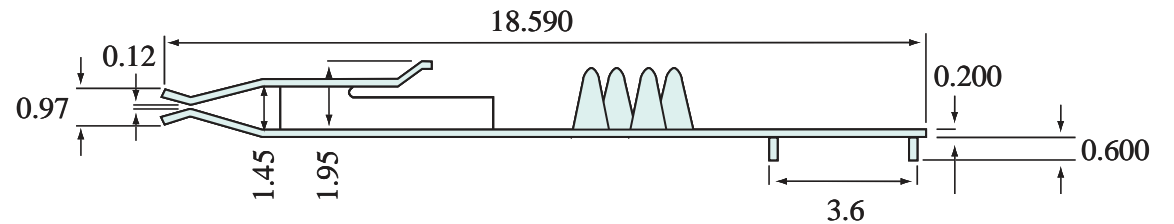
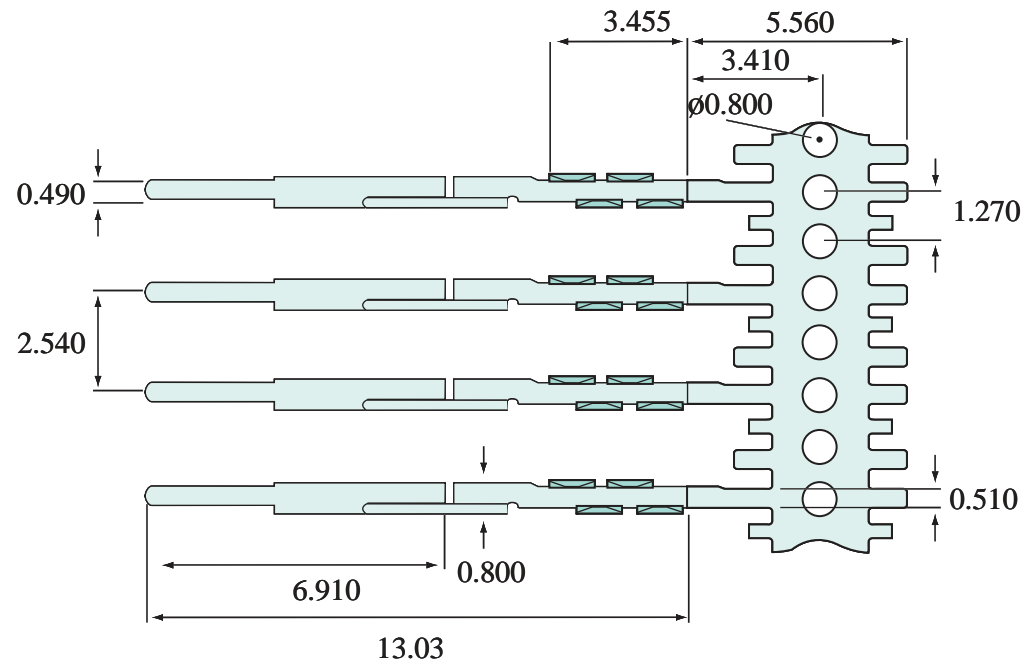
**After 500 Cycles** : 40 mΩ @ 3A

**Withstanding Voltage** : 1000V

**Contact Direct Current Rating** : 3A

**Contact Alternating Current Rating** : 4A

**Operating Temperature** : -55°C to +150°C



General Tolerance : ±0.02 Unit : mm

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**PART NO:** **MFPFC547-XXX**

DRAWING NO:	REV	DATE	DRAWN	CHECKED	APPROVED	CUSTOMER IF APPLICABLE
	A	10/05/11	ER	AB	PC	

**DESCRIPTION:**  
**1.27mm Female Contact**

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**DO NOT SCALE DRAWING DIMENSIONS MM**

## Mechanical Characteristics

### Plating Options

- Tin (T)** : 2.5 $\mu$  Tin over 1.25 $\mu$  Nickel
- Selective Gold (SG)** : 0.15 $\mu$  Gold over 1.25 $\mu$  Nickel  
in contact area with Gold Flash  
in crimp area

### Others Available Upon Request

**Contact Insertion Force** : 1N Max

**Contact Exertion Force** : 0.15N Max

**RoHS Compliant, Lead Free** : 

**3D Image** : 

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