



**ELECTRICAL:**

CURRENT RATING: 1A  
 CONTACT RESISTANCE:  
 <30 Milliohm Max  
 INSULATION RESISTANCE:  
 >5000 Megaohm Min  
 DIELECTRIC WITHSTANDING VOLTAGE:  
 600V (RMS) AC for 1 Minute  
 OPERATING TEMPERATURE: -40°C to +105°C

**MATERIAL:**

INSULATOR: Nylon 6T UL94V-0  
 CONTACT: Phosphor Bronze

**MATERIAL:**

DURABILITY: 50 Cycles  
 RETENTION FORCE: 300g Min  
 INSERTION FORCE: 56g  
 SOLDERABILITY: Per MIL-STD-202F Method 208D  
 MAX. PROCESSING TEMPERATURE: 260°C for 10 seconds

**HOW TO ORDER:**

Z 1 0 0 - X X 0 8 - 6 X X X - Z

**NO OF POSITIONS**

06-98  
 A0=100

**TYPE**

08 - Surface Mount,  
 No Polarization,  
 Double Row,  
 No Mounting Ears

**MOUNTING POST OPTIONS**

1 - Without Post  
 2 - With Post

**INSULATOR HEIGHT**

6 - 2.2mm(Cantilever Beam)  
 Surface Mount

**PACKAGING**

1 - In Tube  
 2 - With Cap In Tube  
 3 - With Film In Tube  
 4 - With Cap; Tape & Reel  
 5 - With Film; Tape & Reel

**RoHS COMPLIANT**

**CONTACT PLATING**

<b>Full Gold</b>	<b>Selective Gold</b>
1 - Gold Flash	6 - Gold Flash
3 - 10u" Gold	7 - 10u" Gold
4 - 15u" Gold	8 - 15u" Gold
5 - 30u" Gold	9 - 30u" Gold

Rev		Drawn	Checked	Approved	Date
0	Issued	MDH	S.M.	S.M.	09/29/04
A	Revised for RoHS Compliance	B.S.	S.M.	S.M.	9/19/07

**SMP TECHNOLOGY, INC.**

Receptacle Assembly; 1.27mm x 1.27mm; Top Entry; Surface Mount;

SCALE

2.2mm Height

TOL. DEC. .X +/- 0.3 .XX +/- 0.2 .XXX +/- 0.1 ANGLE +/- 5° UNIT: mm

P/N: Z100-XX 08-6XXX-Z