



**Materials and Finish**

Housing:  
Polycarbonate, UL 94V-2 rated

Contact Material:  
High Strength Copper Alloy  
JIS C5191R-H

Contact Plating:

1000 Series:  
Gold Flash over 100u" Nickel  
Underplate

5000 Series:  
50u" Gold over 100u" Nickel,  
Complies with FCC Requirements  
under No. 47 C.F.R. Part 68,  
Subpart F

**Electrical Characteristics**

Insulation Resistance:  
500 Megohms Min.

Dielectric Withstanding Voltage:  
1000 VAC RMS, 60Hz  
for 1 minute

Contact Resistance:  
20 milliohms Max.

Current Rating:  
1.5 amps

Operating Temp:  
-55°C to +85°C

**PRELIMINARY**  
PART IN DESIGN  
SPECIFICATION SUBJECT TO CHANGE

Part Number	Contact Area Plating Finish
MP66X-1000S	Gold Flash (1000 option)
MP66X-5000S	50u" Gold (5000 option)



Tolerances
X.X ± 0.25
X.XX ± 0.15
Unless Stated Otherwise

REV.	DATE	DESCRIPTION	REV. BY	CHK. BY	DRAWN BY	DATE
A0	10/18/05	New Drawing	R. Aguirre	H. MA	R. Aguirre	9/21/05

**MP66X-x000S**  
x = plating option (1 or 5)

**Modular Plug for Solid wire**  
**6 position, 6 contact, RoHS Compliant**

