



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
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

Recommended Wire Gauge:
26-28 AWG

Operating Temp:
-55°C to +85°C

PRELIMINARY
PART IN DESIGN
SPECIFICATION SUBJECT TO CHANGE

Part Number	Contact Area Plating Finish
MP1010RX-1000	Gold Flash (1000 option)
MP1010RX-5000	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	9/20/05

MP1010RX-x000
x = plating option (1 or 5)

Modular Plug for Stranded Wire, RoHS Compliant
10 position, 10 contact, Gold Flash

