



Materials and Finish

Housing:
polycarbonate, clear,
UL 94V-2 rated

Shield:
Copper Alloy
nickel plated

Contact Material:
Copper Alloy

Contact Plating Options:
1000 Series:
gold flash over 100u" nickel
5000 Series:
50u" gold over 100u" nickel

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
MPS1010RX-1000	Gold Flash (1000 option)
MPS1010RX-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	8/24/05

MPS1010RX-x000
x = plating option (1 or 5)

Shielded Modular Plug, RoHS Compliant
10 pos./10 contacts, for round cable jacket/stranded wire

