



Materials and Finish

Housing: Polycarbonate,
UL 94V-2 Rated

Contact Material:
Copper Alloy

Plating Options:

1000 Series:
Gold Flash over 100u" Nickel
Underplate

5000 Series:
50u" Gold over 100u" Nickel
to Comply with ANSI/TIA-1096-A

Electrical Characteristics

Rated Current: 1.5A

Insulation Resistance:
500 Megohms Min.

Contact Resistance:
20 milliohms Max.

Dielectric Withstanding Voltage:
1000V AC for 1 Minute

Mechanical Characteristics

Operating Temperature:
-55°C to +85°C

Part Number	Contact Area Plating Finish
MP1010RX-1000	Gold Flash (1000 Option)
MP1010RX-5000	50u" Gold (5000 Option)

RoHS COMPLIANT
EU Directive 2002/95/EC



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
A1	03/25/11	Remove Prelim	S. Vien	H. MA		
A2	01/16/13	ECO #12-068	S. Vien	P. DalCanto		
A3	08/07/18	Update Address	D. Shehan	N/A		

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

UNITS
mm

Modular Plug for Stranded Wire, RoHS Compliant

10 Position, 10 Contact, Gold Flash

