1 Electrical
1.1 Impedence
$50 \Omega$
1.2 Frequency
1.3 Dielectric withstanding voltage
1.4 Center contact resistance

DC-6GHz
750V(volts RMS)
$\leq 5 \mathrm{M} \Omega$
1.5 Outer contact resistance
$\leq 2.5 \mathrm{M} \Omega$
1.6 Insulation resistance:
$\geq 1000 \mathrm{M} \Omega$

2 Environmental\&Mechanical
2.1 Temperature range $\quad-45^{\circ} \mathrm{C} \sim 125^{\circ} \mathrm{C}$
2.2 RoHs Compliant
2.3 Durability $>500$ cycles

3 Materials\&Finish
3.1 Body:

Brass, Gold plated
3.2 Insulator: Teflon

3,3 Contact Pin: Brass, gold plated
3.4 Contact spring: Beryllium copper, gold plated


Notes:

1. all specifications are subject to change notice at any time
2. CUSTONER OUTLINE DRAWING FOR REFERENCE ONLY

| DRANW: T. Shihua 12/07/06 | TITLE: <br> RF Coaxial Connector <br> MCX Female Str. Conn. For RG316 cable | www.teruilai.com |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ENGINEER: C. Tao 12/07/06 |  |  |  |  |  |
| APPROVED: ©. Qiang 12/07/06 |  |  |  |  |  |
| TOLERANCES UNESS OTHERWSE SPEFCED  <br> $x$ $\pm 050$ <br> $x$ $\pm 0.20$ |  | $\oplus$ $\square$ dinevion in milliveters (m) |  |  |  |
| $\begin{array}{ll} \text { XX } & \pm 0.10 \\ \text { ANGES } & \pm \uparrow \\ \hline \end{array}$ | PART NO: $\quad \mathrm{yc} \times$ - zac | SIIZE: ${ }_{\text {a }}$ | $\int_{\mathrm{NC} / \mathrm{A}}^{\text {SCLIE: }}$ | ${ }^{\text {SHEET: }} 1 / 1$ | ${ }^{\text {REV }}{ }_{\text {a }}$ |
| 13 |  | 4 |  |  |  |

