## : ©hipsmall

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation, and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!


## Contact us

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## miRnta



## SPECIFICATION <br> Revised A: 14/Jun./'10 LH, B: 08/Oct./'10 LH, C: 21/Oct./'10 LH

1. MECHANICAL


Tolerances Unless Otherwise Specified $\pm 0.2$
Enclosed attachment: Mounting Nut --- 1pc, Lock Washer --- 1pc
Plating: Contact --- Au FINISH
Housing, Mounting Nut, Lock Washer --- Ni FINISH
$>A>B>C$

| $L$ |
| :---: |
| $100+/-3$ |

2. CABLE :

| Item | Specification |  |
| :--- | :--- | :---: |
| 2.1 | Voltage Rating | 30V r.m.s. maximum |
| 2.2 | Nominal Frequency Range | DC to 12 GHz |
| 2.3 | Nominal Impedance | $50 \Omega$ |
| 2.4 | Temperature Rating | $-40^{\circ} \mathrm{C}$ to $+85^{\circ} \mathrm{C}$ |
| 2.5 | Used Cable | 0.4 D Single shield PFA cable |


| Item |  | Unit | Construction |
| :---: | :---: | :---: | :---: |
| Inner conductor | Material | - | Silver plated copper wire |
|  | No. and Dia. | (No./mm) | 7/0.05 |
|  | Total Dia. | (mm) | 0.15 |
| Insulator | Material | - | PFA |
|  | Total Dia. | (mm) | 0.43 |
| Outer conductor | Material | - | Silver plated copper wire |
|  | Dia. of wire | (mm) | 0.05 |
| Sheath | Material | - | PFA(White) |
|  | Nominal thickness. | (mm) | 0.07 |
| Overall Dia. |  | (mm) | 0.81 |
| Minimum Bending Radius |  | (mm) | 3.3 |
| Nominal Insertion loss | dB/m at 1 GHz |  | 2.99 |
|  | $\mathrm{dB} / \mathrm{m}$ at 2 GHz |  | 4.32 |
|  | $\mathrm{dB} / \mathrm{m}$ at 3 GHz |  | 5.33 |
|  | $\mathrm{dB} / \mathrm{m}$ at 4GHz |  | 6.26 |
|  | $\mathrm{dB} / \mathrm{m}$ at 6GHz |  | 7.83 |
|  | $\mathrm{dB} / \mathrm{m}$ at 9 GHz |  | 10.06 |
|  | $\mathrm{dB} / \mathrm{m}$ at 12 GHz |  | 12.22 |

## minta

| Preliminary Specification of COAXIAL CONNECTOR |  | Written by | K. Riku |
| :---: | :---: | :---: | :---: |
| Preliminary SPEC No. | : NMM04-PJ0011C | Checked by | T. Kuriyama |
| Part Number | : MXFR01JA1000 | Date | 13/Apr./2010 |

3. NOTE

Use tool part\# M19201.
The connector to be engaged and disengaged should be inserted or pulled out to the vertical direction.

## 4. $\triangle$ caution

Limitation of Applications
Please do not use our products for the applications listed below which require specially high reliability for the prevention of defects which may directly or indirectly cause damage to the third party's life, body or property.
(1) Aircraft equipment
(2) Aerospace equipment
(3) Undersea equipment
(4) Power plant control equipment
(5) Medical equipment
(6) Transportation equipment (vehicles, trains, ships, etc.)
(7) Traffic signal equipment
(8) Disaster prevention / crime prevention equipment
(9) Data-processing equipment
(10) Application of similar complexity and/or reliability requirements to the applications listed in the above.

