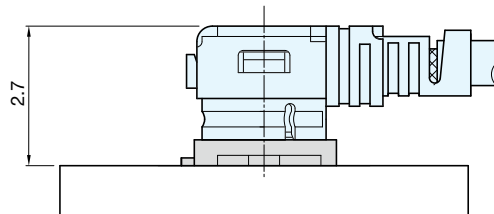


RF Coaxial Connectors (SMT), TC-4 Series <6GHz>

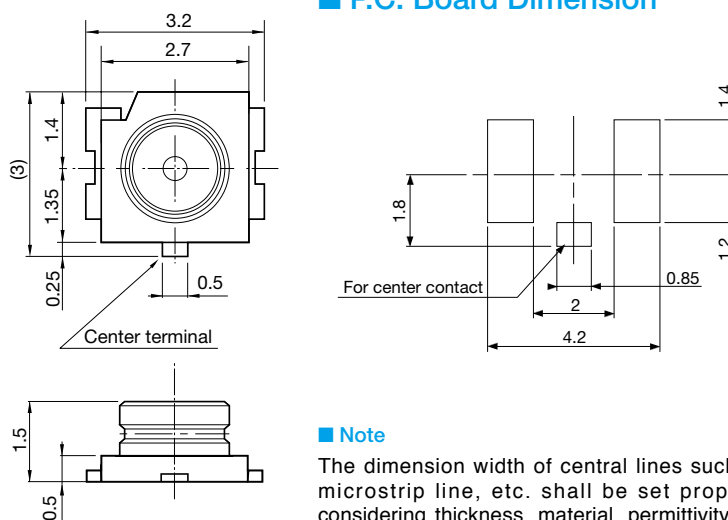


Mating Diagram



● Receptacle CRS5001-1401F

P.C. Board Dimension



● Note 3,000pcs/reel

Note

The dimension width of central lines such as microstrip line, etc. shall be set properly considering thickness, material, permittivity, etc. of PC board so that the characteristic impedance may become 50Ω.

Features

1. Small coaxial connector of SMT design.
2. The operating frequency ranges extensively from DC to 2GHz with good RF performance.
3. 2.7mm height when mated.
4. The plug's compatible coaxial cable is a standard Teflon coaxial cable with an external diameter of $\phi 0.81\text{mm}$.
5. Embossed tapping for automatic mounter.
6. Both the central and external conductors are connected by crimping.

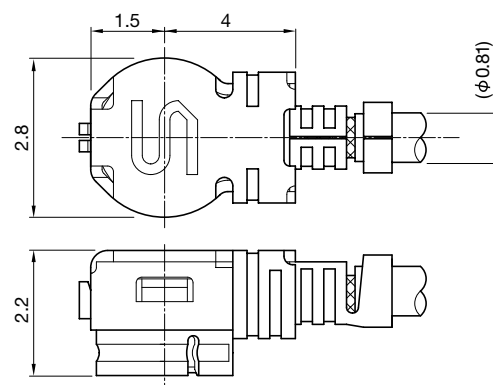
Specification

1. Rating : AC 100V r.m.s.
2. Frequency Range : DC to 6GHz
3. Nominal Impedance : 50Ω
4. V.S.W.R. : 1.2 max. (DC to 3GHz)
1.3 max. (DC3 to 6GHz)
5. Operating Temperature Range : -40°C to $+100^{\circ}\text{C}$

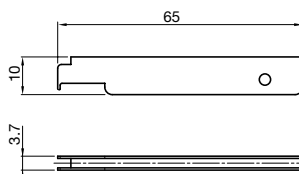
Material and Plating

- Housing : Thermoplastic Resin
- Contact : Cu Alloy, Au Plating, Ag Plating, etc.

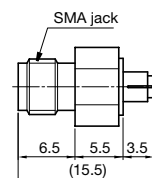
● Plug CRC9001-2101F



● Extraction Tool TFN9001-003

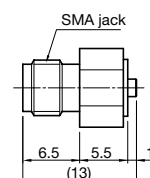


● Converting Adapters CRS1001-1003F



For measurement of receptacle

CRC1001-1003F



For measurement of plug