

Drilling scheme (original size)

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Extent of delivery : 1-10, all parts mounted

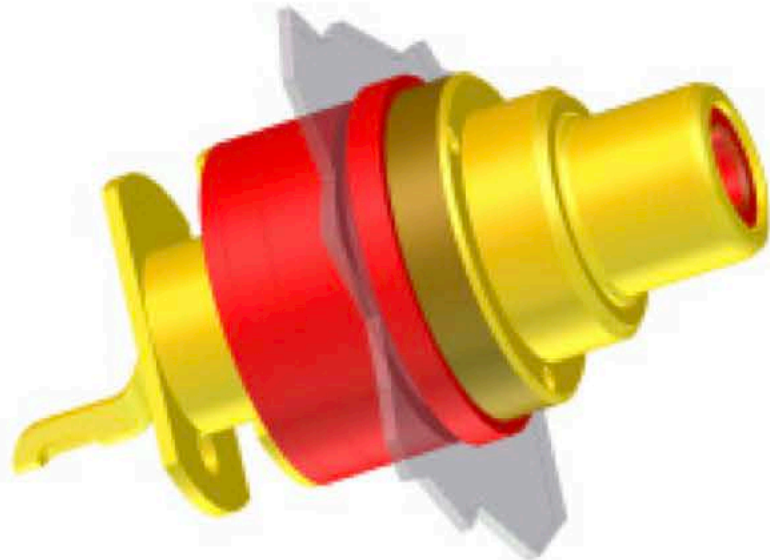
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All dimensions in mm, values in brackets: inch

WBT-0201 Coaxial socket (RCA)

Coaxial socket for cabinet mounting, *soldering version*



- Mechanics**
 - single-segment, low-tolerance contact elements (tol. less than ± 0.02 mm)
 - external socket with solder lug machined directly from basic element
 - internal socket with double prism contact areas, WBT active spring mechanic with its wrapping bronze spring lock washer; large spring travel for constant contact pressure even if counterpieces are imprecisely worked
- Materials**
 - external socket made of highly ductile "OFC" copper alloy (68%)
 - internal socket made of pure E-Cu (99.996%)
 - internal insulating material: moulded Teflon* part
 - external insulating material: polyamide 6
- Surfaces**
 - external socket: WBT 24-carat gold-plating bronze $5 \mu\text{m}$, Au $0.3 \mu\text{m}$
 - internal socket: single-layer direct gold-plating with Au $0.3 \mu\text{m}$
 - both surfaces free from ferromagnetic properties
- Operating characteristics (reliably observed after more than 10^3 connections/disconnections)**
 - constant current $I_D > 40$ A
 - contact resistance $R_C \leq 0.1$ mohms (loop, measured with WBT-0108)
 - volume resistance $R_B \leq 0.05$ mohms
 - self-capacitance $C \approx 6.3$ pF
 - insulation resistance $R_{iso} > 10^{10}$ ohms
 - surge impedance (projective) $Z = 16$ ohms
- Terminals**
 - soldering version, for cables up to 1.5 mm^2
- Mounting**
 - problem-free by hand using the knurled nut
 - for series processing we recommend the use of segering-pliers
 - recommended distance of two socket centers: $17.78 \text{ mm} = 7/10$ inch (standard)