

CU Series CU1S2001

Technical drawing of a 3-W1.3(I/O) connector. The drawing includes three views: a front view (top), a side view (middle), and a top view (bottom). The front view shows a square housing with a central circular opening. Dimensions include an outer width of 20, an inner width of 14.5, and a central hole diameter of $\phi 17.5 \text{ max.}$. There are four mounting holes, each with a diameter of $2-\phi 2.2$. The side view shows a total height of 9 max. and a mounting flange thickness of 1.6. The top view shows a circular base with a diameter of $\phi 16.7$ and three mounting holes, each with a diameter of $3-W1.3(I/O)$. The drawing also indicates a 4-R2 fillet radius and a 2-R1.1 fillet radius.

Tolerance: ± 0.3
Dimensions in mm

Technical drawing of a PCB layout for a 4-pin D-sub connector. The drawing shows a top-down view of the connector footprint with dimensions in millimeters. Key dimensions include overall width of 23.4mm, overall height of 19.5mm, and a central circular area with a diameter of 10mm. The drawing also shows a 4-pin D-sub connector symbol and a 4-pin D-sub connector symbol. Dimensions are given in millimeters.

Dimensions in mm

001-01 / 20080912 / e771_cu1s2001

ELECTRICAL CHARACTERISTICS

CU1S2001□*1C-□*2 (20x20mm SMD Circulator)

*1 Direction CW-'A' or CCW-'B'

*2 Center frequency

Other frequencies available on your request.

Use	Frequency range (MHz)	Center frequency (MHz)	Isolation (dB) min.	Insertion loss (dB) max.	VSWR max.	Handling power (W)max.	Capacity of built-in resistor (W)	Temperature range (°C)	Weight (g)
DCS	1805 to 1880	1842.5	18	0.5	1.25	20 (Ave.)	—	-20 to +85	11
PCS	1930 to 1990	1960							
TD-SCDMA	2010 to 2025	2017.5							
WCDMA	2110 to 2170	2140							
	2300 to 2400	2350							
WiMAX	2500 to 2700	2600	18	0.5	1.25	20 (Ave.)	—	-20 to +85	11
	3400 to 3600	3500							

* Bottom surface to be kept below +85°C.