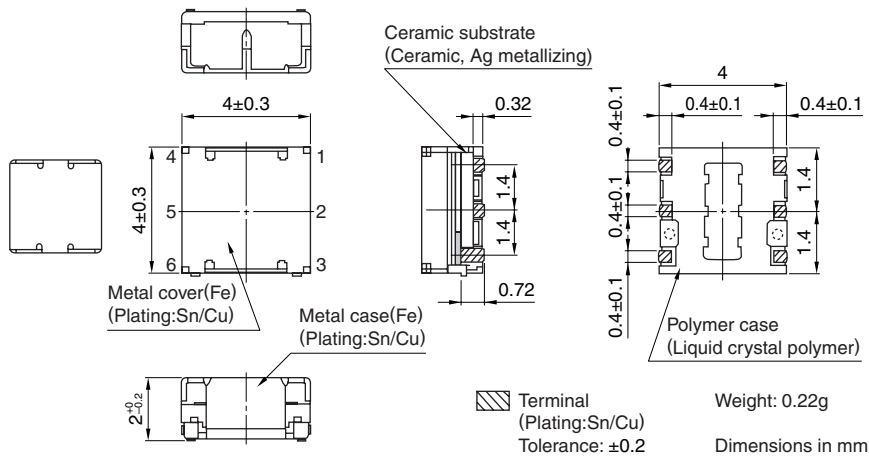


Circulators/Isolators

SMD

CU Series CU454

SHAPES AND DIMENSIONS

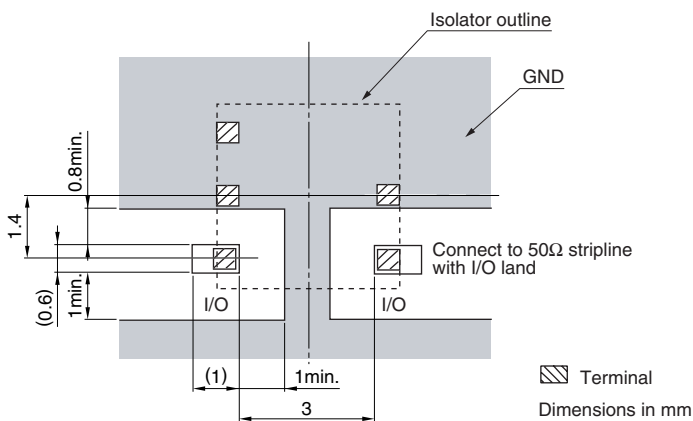


TERMINAL FUNCTIONS

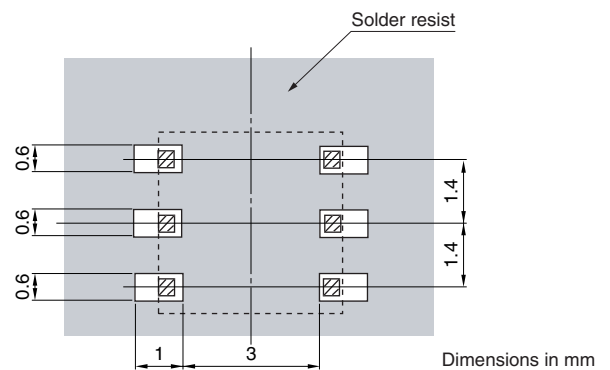
No.	A(CW)	B(CCW)
1	IN	OUT
2	GND	GND
3	GND	GND
4	GND	GND
5	GND	GND
6	OUT	IN

RECOMMENDED PC BOARD PATTERN

LAND



SOLDER RESIST



ELECTRICAL CHARACTERISTICS

CU454□*1F-□*2-1TE1 (4x4x2mm Isolator)

*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. Z ₀ =50Ω	Handling power (W)	Capacity of built-in resistor (W)	Temperature range (°C)	Weight (g)
DCS	1710 to 1785 1805 to 1880	1747.5 1842.5	12	0.6	1.5				
PCS	1850 to 1910 1930 to 1990	1880 1960	13	0.6	1.5	2.5	0.6*	-35 to +85	0.22
TD-SCDMA	2010 to 2025	2017.5	13	0.6	1.5				
WCDMA	1920 to 1980 2110 to 2170	1950 2140	13	0.6	1.5				

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