

Conformity to RoHS Directive

SHAPES AND DIMENSIONS



Terminal functions

1	IN
2	GND
3	OUT
4	GND

Dimensions in mm

Technical drawing of a microstrip line layout on a 0.4mm thick glass-epoxy substrate. The drawing shows a top-down view of a circuit board with a central microstrip line. The line is labeled "IN/OUT" and "OUT/IN" at its ends, and "GND" at its center. The line is 0.5mm wide. The substrate is 1.0mm thick. The drawing includes dimensions for the microstrip line (0.5mm width, 0.8mm length), the substrate (1.0mm thickness), and the microstrip line (0.5mm width). A note states: "This width is 50Ω. Micro-strip line for 0.4mm thick glass-epoxy substrate." Dimensions are in mm.

This width is 50Ω.
Micro-strip line for 0.4mm thick
glass-epoxy substrate.

Solder resist

ø0.3 Through-hole

Dimensions in mm

Item			Minimum value	Typical value	Maximum value
Insertion loss	[880 to 915MHz]	(dB)	—	—	0.7
Attenuation	[1760 to 1830MHz]	(dB)	30	—	—
	[2640 to 2745MHz]	(dB)	25	—	—
Temperature range	Operating	(°C)	−40	—	+85
	Storage	(°C)	−40	—	+85

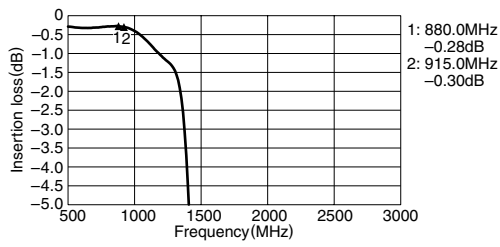
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- Ta: $25 \pm 5^\circ\text{C}$

- **Conformity to RoHS Directive:** This means that, in conformity with EU Directive 2002/95/EC, lead, cadmium, mercury, hexavalent chromium, and specific bromine-based flame retardants, PBB and PBDE, have not been used, except for exempted applications.

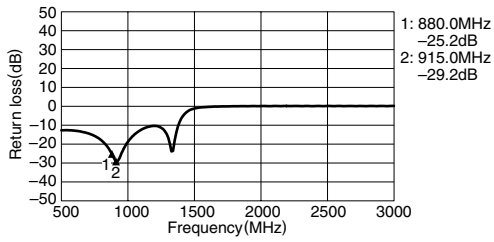
- All specifications are subject to change without notice.

FREQUENCY CHARACTERISTICS

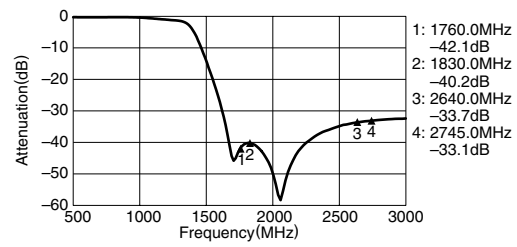
INSERTION LOSS



RETURN LOSS



ATTENUATION



VSWR

