

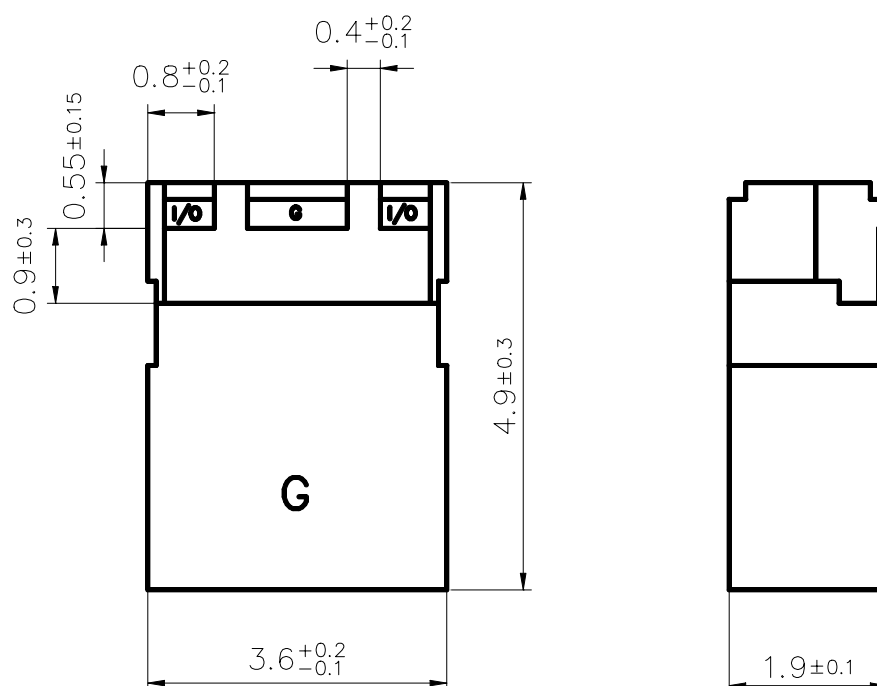
## Features

- SMD filter consisting of coupled resonators with stepped impedances
- (NdBa)TiO<sub>3</sub> ( $\epsilon_r = 88$  /  $TC_f = 0 \pm 10$  ppm/K) with a coating of copper (10 $\mu$ m) and tin (>5 $\mu$ m)
- Excellent reflow solderability, no migration effect due to copper/tin metallization

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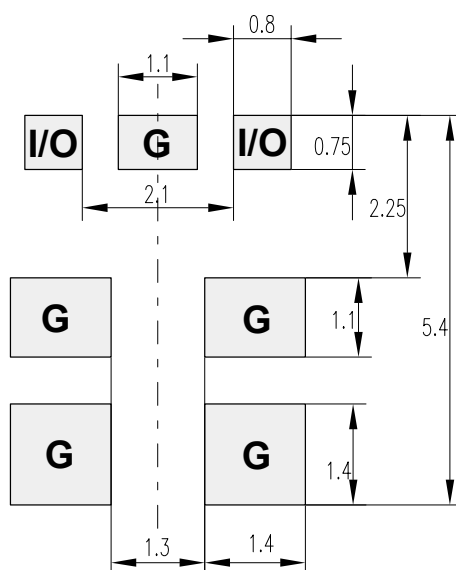
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View from below onto the solder terminals and view from beside

### Recommended footprint



## Datasheet Standard

## Characteristics

		min.	typ.	max.	
Center frequency	$f_c$	-	1575	-	MHz
Insertion loss	$\alpha_{IL}$		2.9	3.2	dB
Passband	$B$	3.0			MHz
Amplitude ripple (peak - peak)	$\Delta\alpha$		0.2	0.5	dB
Standing wave ratio	$SWR$		1.5	2.0	
Impedance	$Z$		50		$\Omega$
Attenuation	$\alpha$				
	at < 1490 MHz	30	35		dB
	at 1525 MHz	18			dB
	at 1625 MHz	16			dB

## Maximum ratings

IEC climatic category (IEC 68-1)		- 40/+ 90/56	
Operating temperature	$T_{op}$	0 / + 55	°C

## Typical Passband Characteristics

