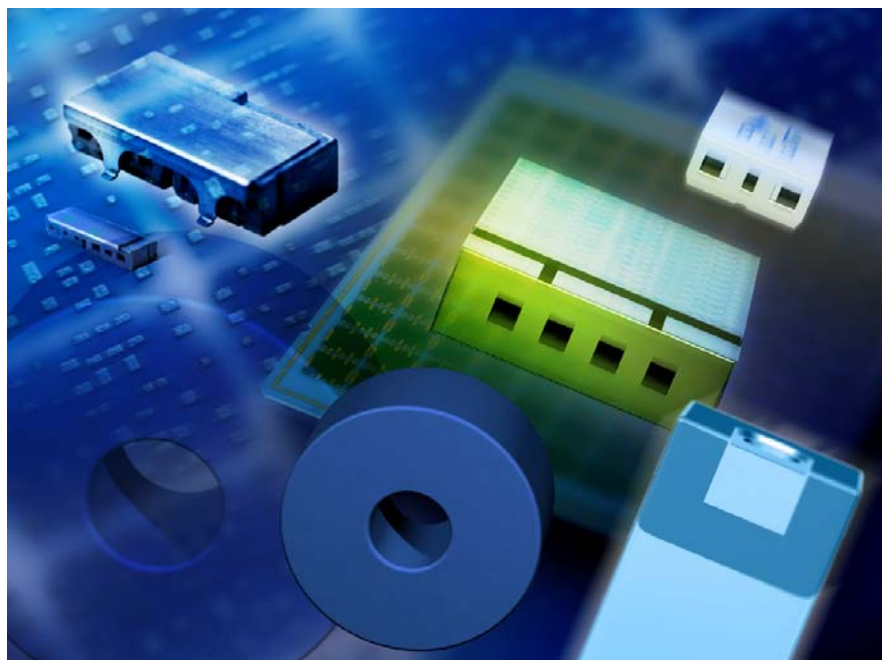


Data Sheet



Features

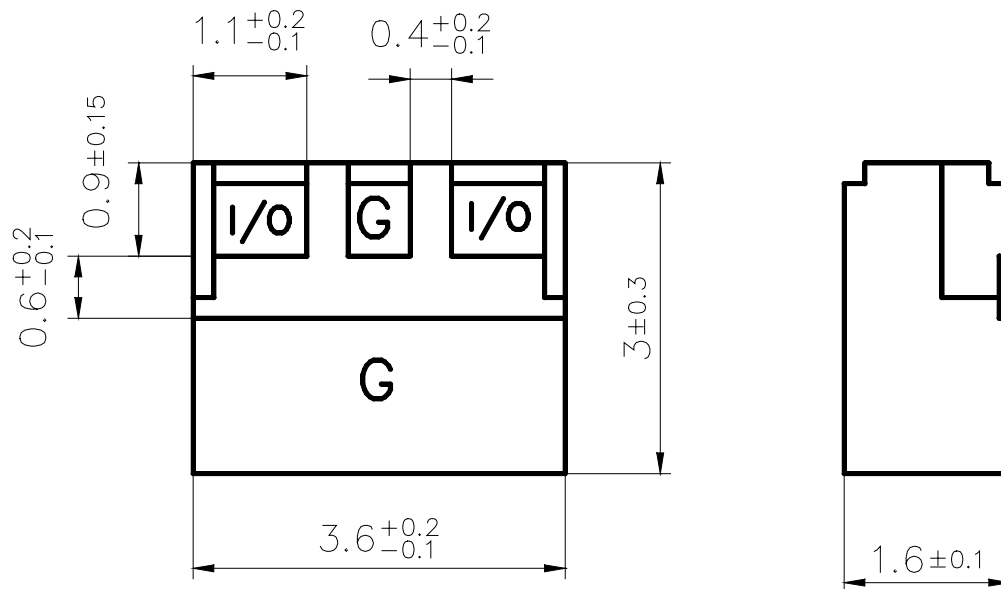
- SMD filter consisting of coupled resonators with stepped impedances
- (NdBa)TiO₃ ($\epsilon_r = 88$ / $TC_f = 0 \pm 10$ ppm/K) with a coating of copper (10 μ m) and tin (>5 μ m)
- Excellent reflow solderability, no migration effect due to copper/tin metallization

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| Page 2 | <ul style="list-style-type: none"> ● Component drawing ● Recommended footprint |
| Page 3 | <ul style="list-style-type: none"> ● Characteristics ● Maximum ratings ● Typical passband characteristic |
| Page 4 | <ul style="list-style-type: none"> ● Processing information ● Soldering requirements ● Delivery mode |

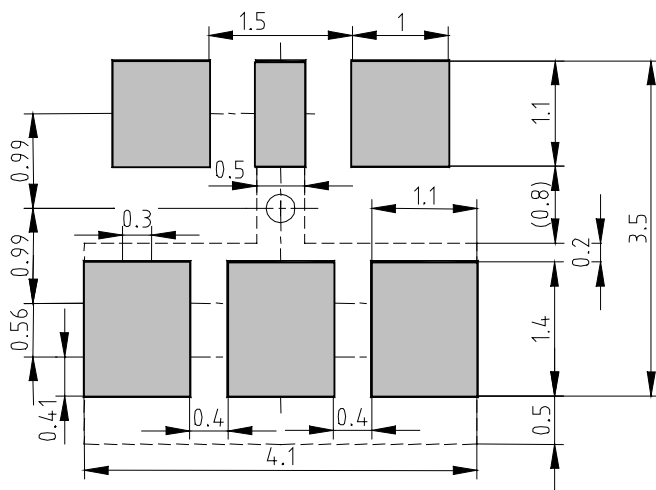
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Component drawing



View from below onto the solder terminals and view from beside

Recommended footprint



Data Sheet

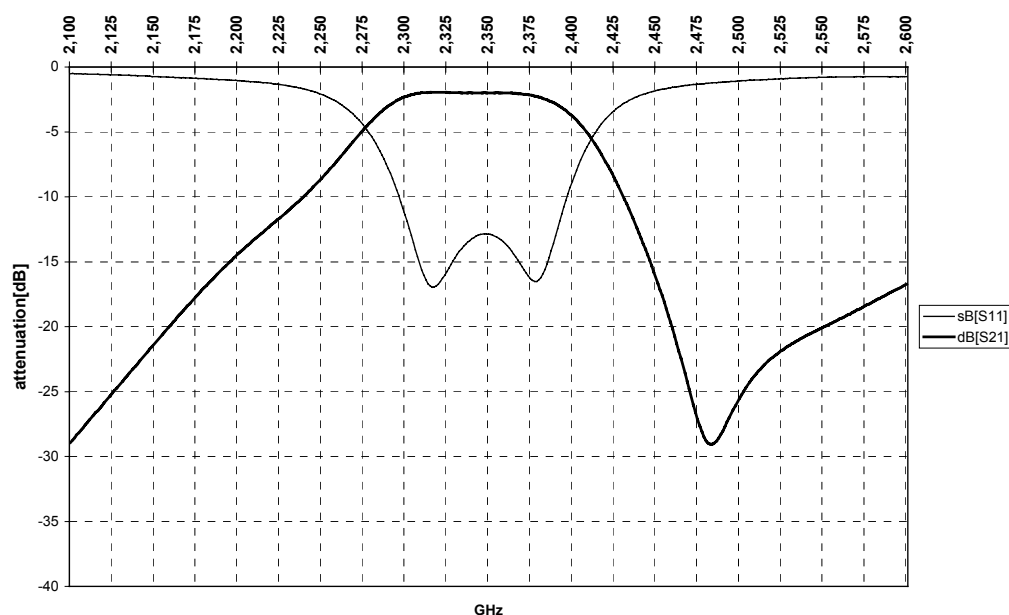
Characteristics

		min.	typ.	max.	
Center frequency	f_c	-	2326	-	MHz
Insertion loss	α_{IL}		1.6	1.8	dB
Passband	B	14			MHz
Amplitude ripple (peak - peak)	$\Delta\alpha$		0.2	0.5	dB
Standing wave ratio	SWR			2.0	
Impedance	Z		50		Ω
Attenuation	α				
	at DC to 1703 MHz	33	35		dB
	at 2127 MHz	20	24		dB
	at 2162 to 2175 MHz	12	15		dB
	at 2227 MHz	10	11		dB
	at 2400 MHz	3			dB
	at 2426 MHz	6			dB
	at 2500 MHz	15	17		dB
	at 2526 MHz	20	23		dB

Maximum ratings

IEC climatic category (IEC 68-1)		- 40/+ 90/56	
Operating temperature	T_{op}	-40 / +85	°C

Typical passband characteristic



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