

P/N	FSLB-S245C	DATE.	'04- 8- 2
DWN.	M.Uchida	DATA-No.	2MT44088

2012 Size

Chip Multilayer Band Pass Filter

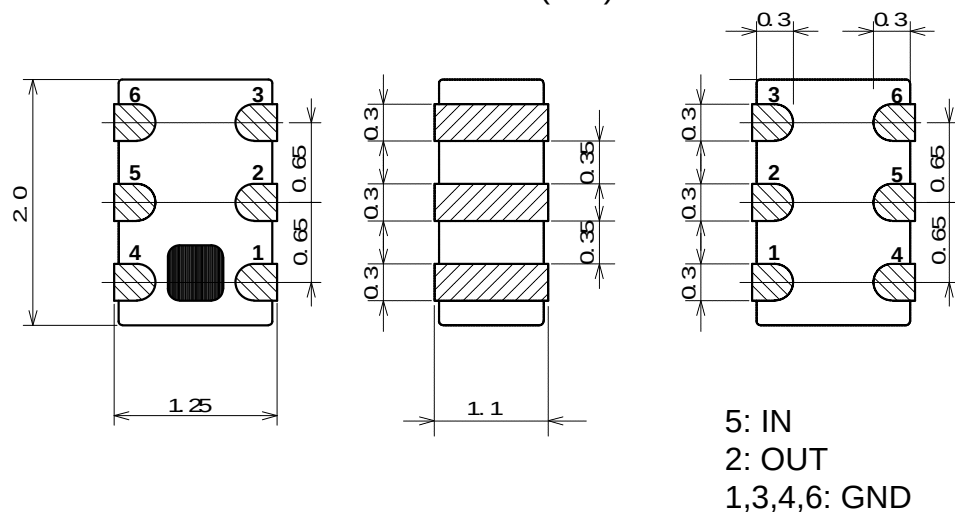
FSLB-S245C

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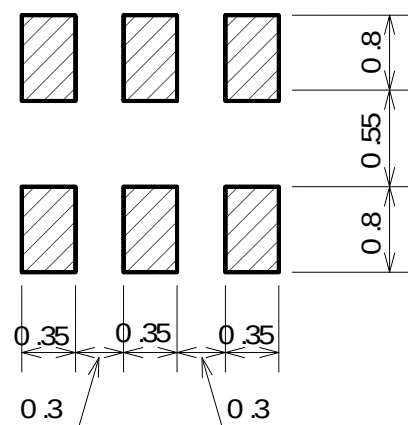
Shape and Size

Unit (mm)



Foot Pattern

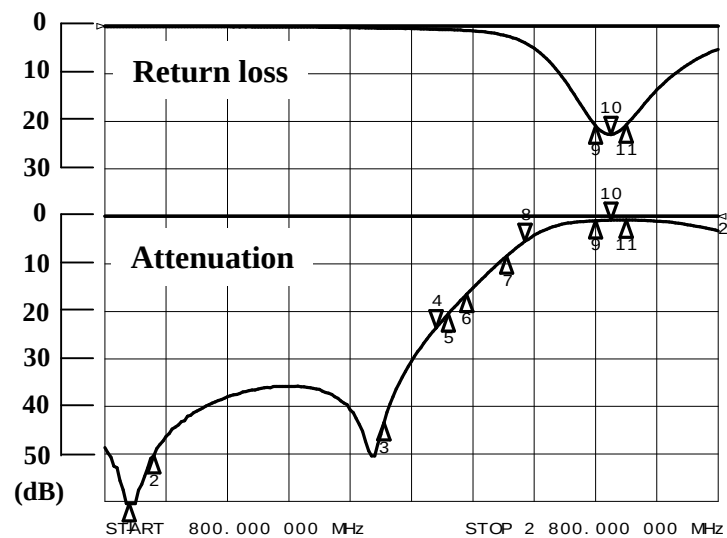
Unit (mm)



Specification (Temporary)

Parameter	Unit	Specification	Typical data	
			at 25deg.C	freq.
Center Frequency(f_0)	MHz	2450		
Passband Width	MHz	$f_0 \pm 50$		
Insertion Loss 1 (at 25 deg.C)	dB	1.5 max	0.9	2400
			0.8	2450
			0.8	2500
Insertion Loss 2 (at -35 to +85 deg.C)	dB	2.0 max		
Ripple in passband	dB	0.5 max	0.2	
Input Ret.Loss	dB	10 min	20	2400
			22	2450
			20	2500
Attenuation1 (at 880-960MHz)	dB	30 min	63	880
			50	960
Attenuation2 (at 1710-1880MHz)	dB	15 min	43	1710
			23	1880
Attenuation3 (at 4800-5000MHz)	dB	25 min	55	4800
			36	5000
Characteristic Impedance	Ohm	50		
Handling Power	W	1.0 max		
Operating Temperature	deg.C	-35 to +85		

Typical data



Attenuation value

1_	-62.745 dB	} GSM
2_	-50.34 dB	
3_	-43.389 dB	} DCS 1800
4_	-23.443 dB	
5_	-20.494 dB	} W-CDMA
6_	-16.363 dB	
7_	-8.3287 dB	
8_	-5.2478 dB	} Bluetooth
9_	-.8649 dB	
10_	-.7929 dB	
11_	-.7566 dB	

