

All the technical data and information contained herein are subject to change without notice.

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

2012 Size

Chip Multilayer Band Pass Filter

FSLB-S245C

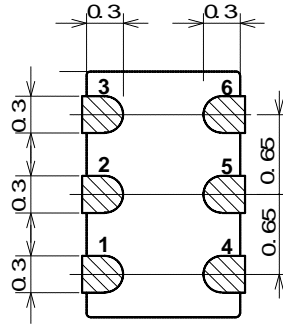
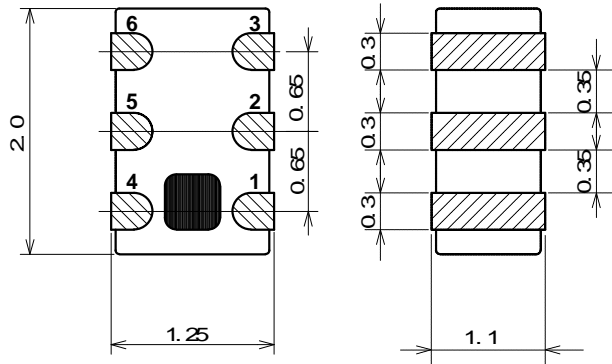
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Shape and Size

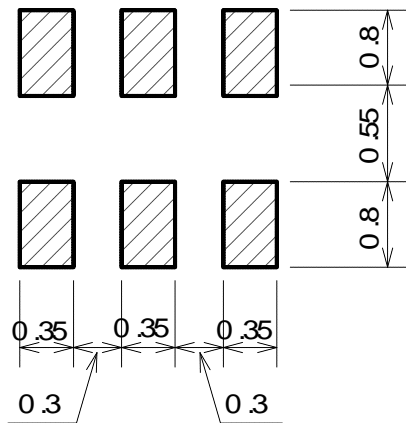
Unit (mm)



5: IN
2: OUT
1,3,4,6: GND

Foot Pattern

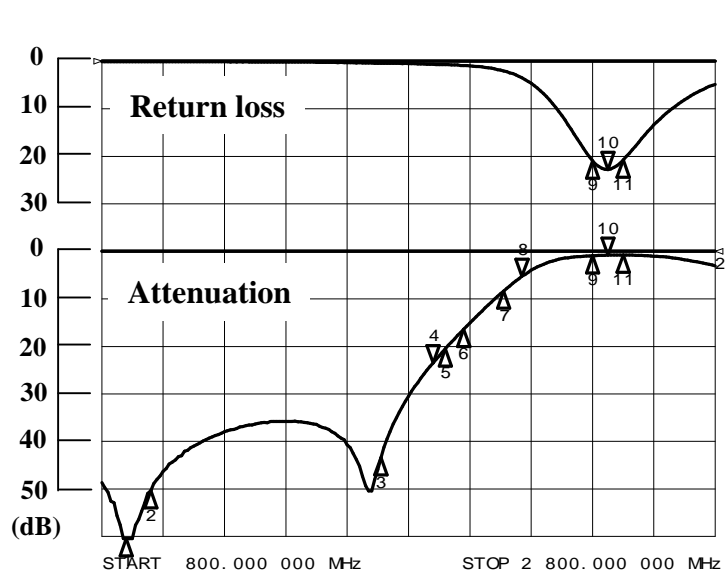
Unit (mm)



Specification (Temporary)

Parameter	Unit	Specification	Typical data	
			at 25deg.C	freq.
Center Frequency(fo)	MHz	2450		
Passband Width	MHz	fo +/- 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
880 MHz
- 2_: -50.34 dB } GSM
960 MHz
- 3_: -43.389 dB } DCS 1800
1.71 GHz
- 4_: -23.443 dB } DCS 1800
1.88 GHz
- 5_: -20.494 dB } W-CDMA
1.92 GHz
- 6_: -16.363 dB } W-CDMA
1.98 GHz
- 7_: -8.3287 dB } W-CDMA
2.11 GHz
- 8_: -5.2478 dB } W-CDMA
2.17 GHz
- 9_: -.8649 dB } Bluetooth
2.4 GHz
- 10_: -.7929 dB } Bluetooth
2.45 GHz
- 11_: -.7566 dB } Bluetooth
2.5 GHz

