

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

P/N	ESLB-S540A	DATE.	'04- 2- 4	
DWN.	M.Uchida	DATA-No.	2MT43485	1

2012 Size

Chip Band Pass Filter for W-LAN

ESLB-S540A

Ver.A

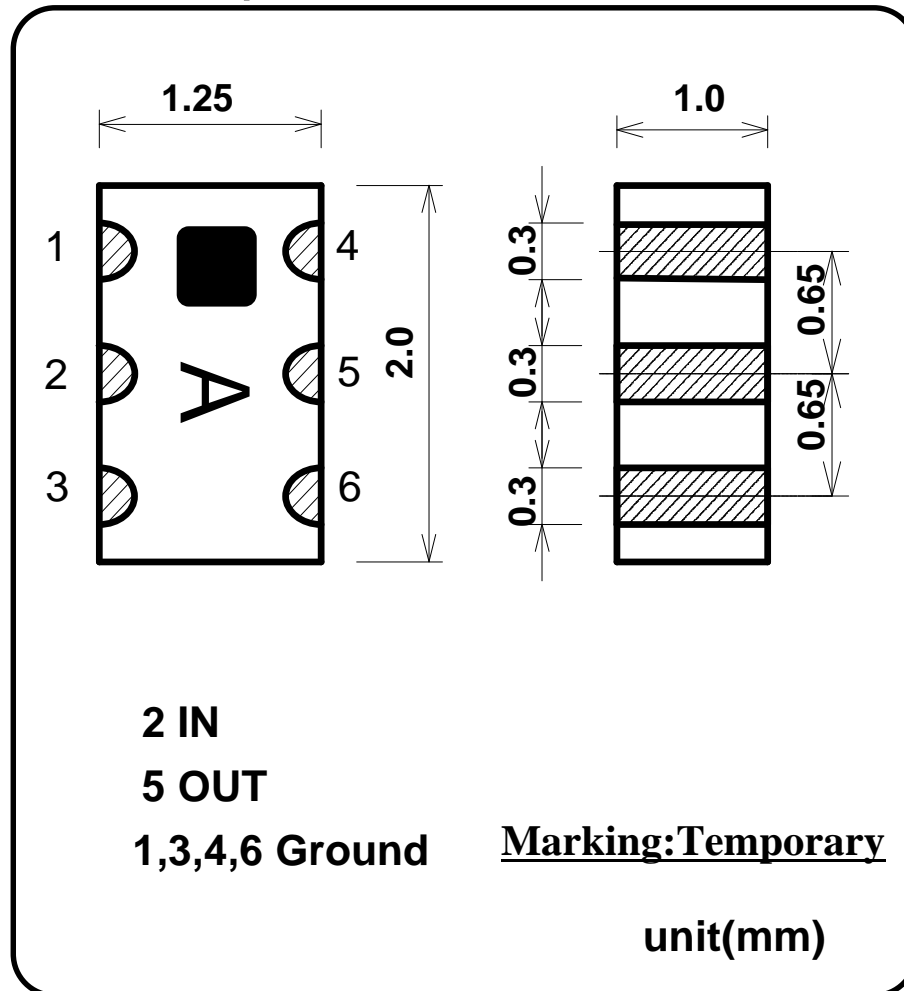
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Shape & Size

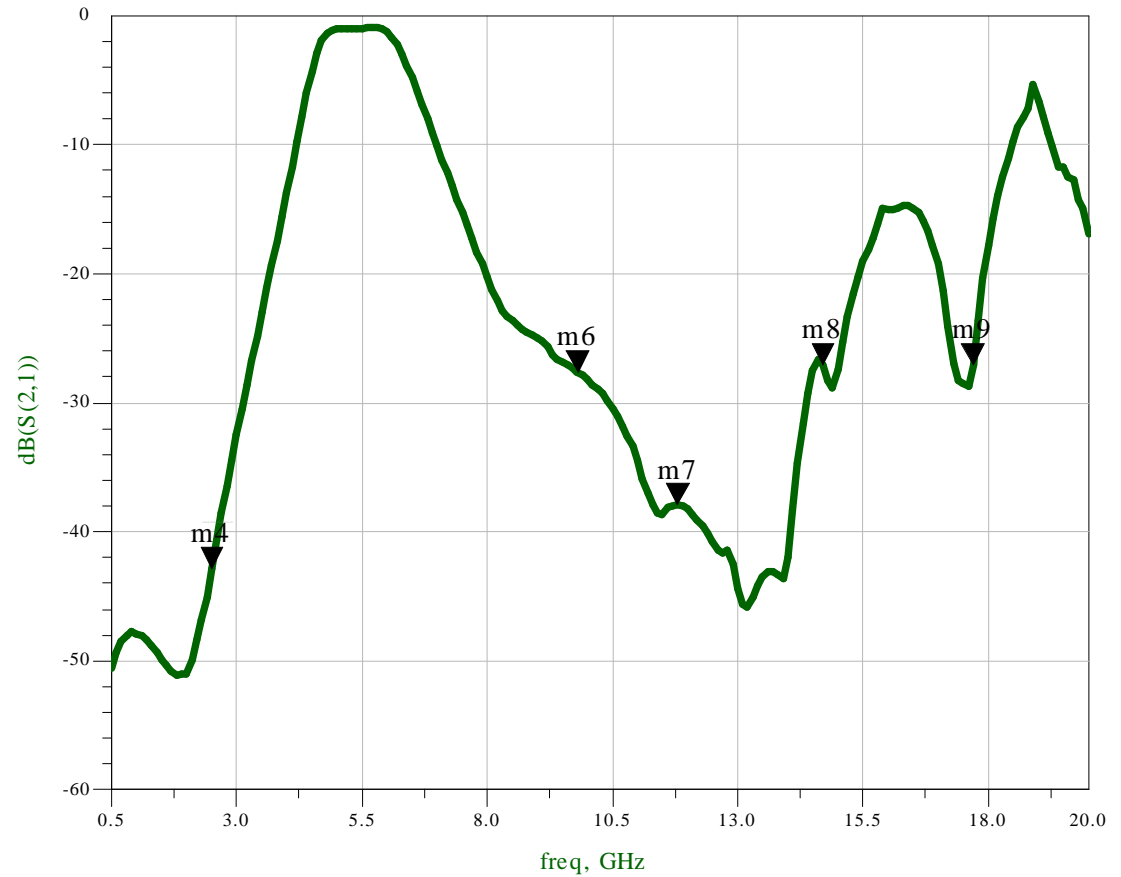
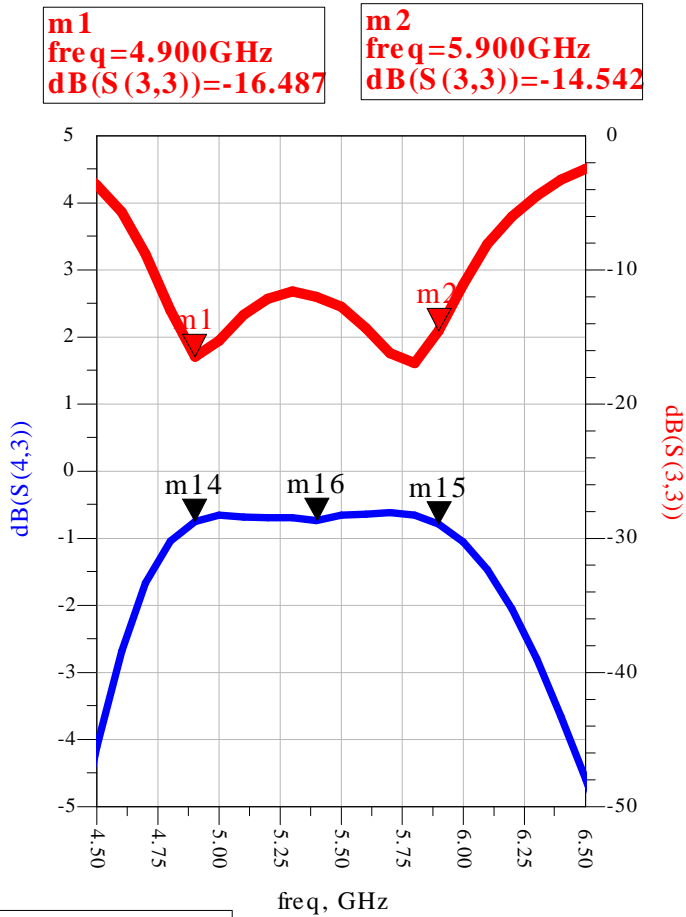


Specifications(Temporary)

Parameter	Unit	
Center Frequency(f_0)	MHz	5400
Passband Width	MHz	$f_0 \pm 500$
Insertion Loss (at 25 deg.C)	dB	1.4 max
Insertion Loss (at -35 to +85 deg.C)	dB	1.5 max
Ripple in passband	dB	0.3 min
Input Ret.Loss	dB	10 min
Attenuation1 (at DC-2.5GHz)	dB	25 min
Attenuation2 (at 9.8-11.8GHz)	dB	23 min
Attenuation3 (at 14.7-17.7GHz)	dB	10 min
Characteristec Impedance	Ohm	50
Handling Power	W	0.5 max
Operating Temperature	deg.C	-35 to +85

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ESLB-S540A Ver.A Sample DATA



m14
 freq=4.900GHz
 dB(S(4,3))=-0.751

m15
 freq=5.900GHz
 dB(S(4,3))=-0.786

m16
 freq=5.400GHz
 dB(S(4,3))=-0.735

m4
 freq=2.500GHz
 dB(S(2,1))=-42.863

m6
 freq=9.800GHz
 dB(S(2,1))=-27.588

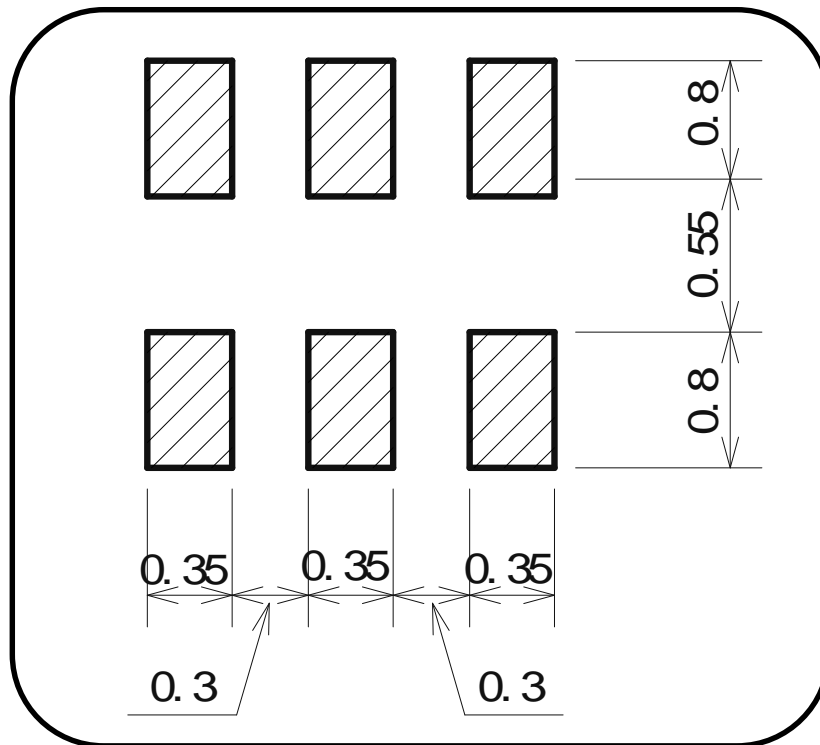
m7
 freq=11.80GHz
 dB(S(2,1))=-37.928

m8
 freq=14.70GHz
 dB(S(2,1))=-27.038

m9
 freq=17.70GHz
 dB(S(2,1))=-27.058

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Foot Pattern



Foot Pattern Example

