

P/N	ESLB-P540A	DATE.	'04- 8- 17
DWN.	M.Uchida	DATA-No.	2MT43525 2

4.9-5.9GHz Band Chip Multilayer Band Pass Filter

ESLB-P540A-[]

BPF with Balun for W-LAN

1ST Sample DATA

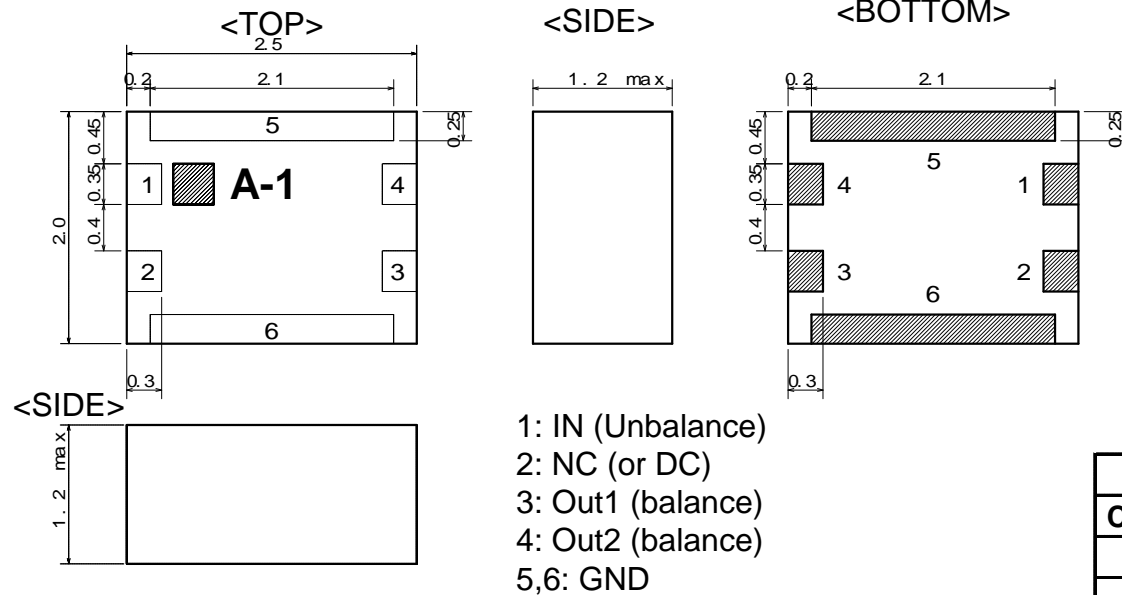
All the technical data and information contained herein are subject to change without notice.



CONFIDENTIAL
The contents of this document is the property of Hitachi Metals Ltd. and may not be communicated to any other party in any form without the prior written contents of Hitachi Metals Ltd..

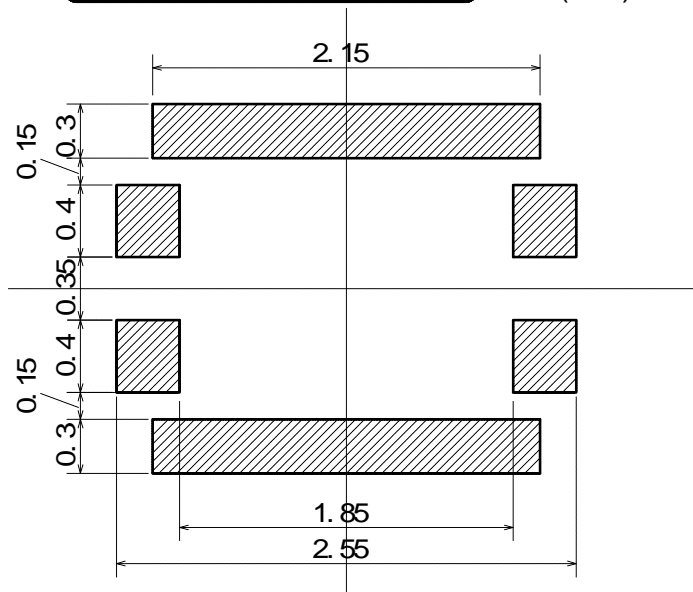
Shape and Size

Unit (mm)



Foot Pattern

Unit (mm)



Specification

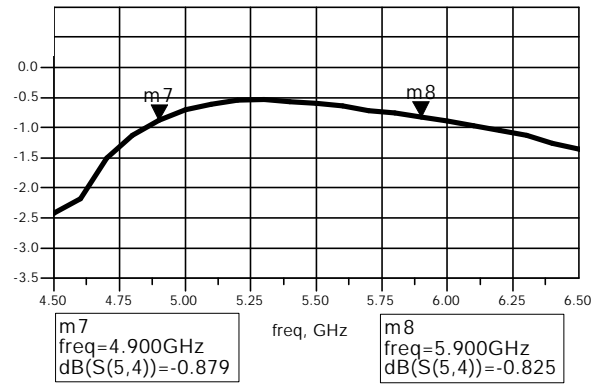
Parameter	Unit	
Center Frequency(fo)	MHz	5400
Passband Width	MHz	fo +/- 500
Insertion Loss	dB	1.5 max
V.S.W.R. (Unbalance Port)	dB	2.2 Max.
Attenuation1 (at DC-2.5GHz)	dB	25 min
Attenuation2 (at 9.8-11.8GHz)	dB	20 min
Attenuation3 (at 14.7-17.7GHz)	dB	15 min
Phase balance	deg.	180 +/- 15
Amplitude balance	dB	1.5 max
Impedance ratio	Ohm	50:50 or 50:100
ESLB-P540A-1		50:50
ESLB-P540A-2		50:100

ESLB-P540A-1 1ST sample DATA

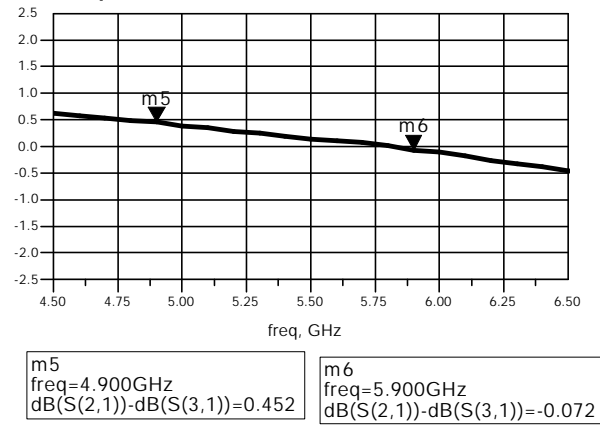
Data-No.2MT43525 Rev.2

(Impedance ratio 50:50)

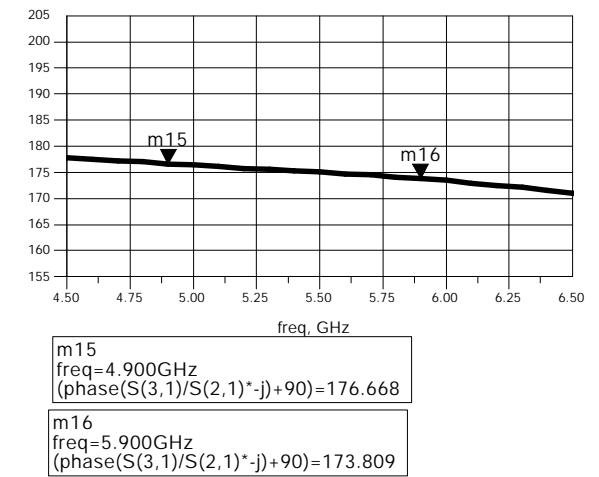
Ins.Loss



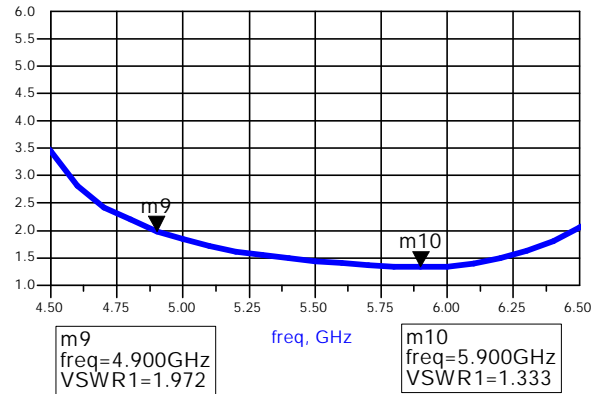
Amplitude Balance



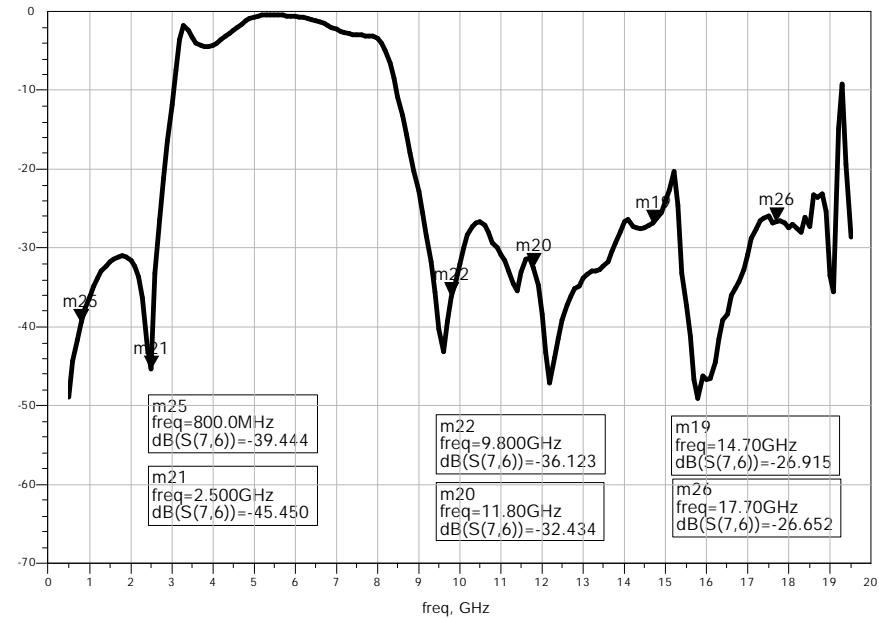
Phase Balance



V.S.W.R.



Attenuation

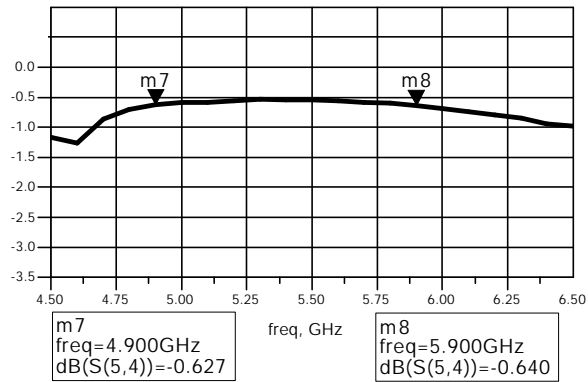


ESLB-P540A-2 1ST sample DATA

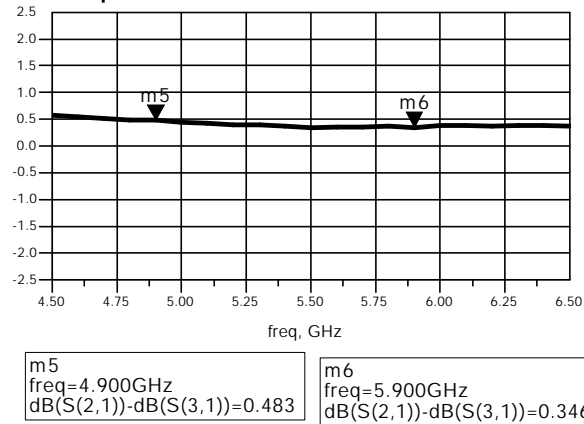
Data-No.2MT43525 Rev.2

(Impedance ratio 50:100)

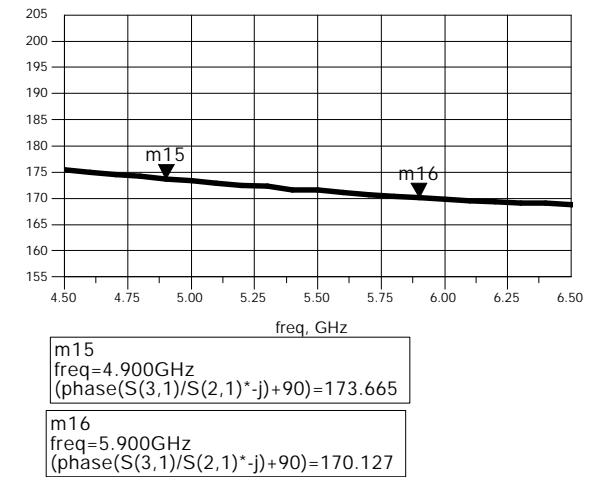
Ins.Loss



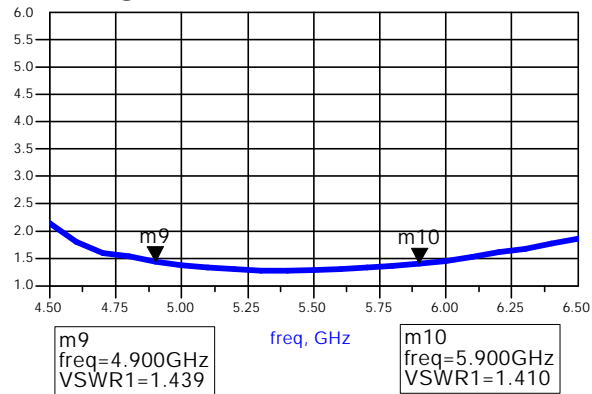
Amplitude Balance



Phase Balance



V.S.W.R.



Attenuation

