



PRELIMINARY SPECIFICATION

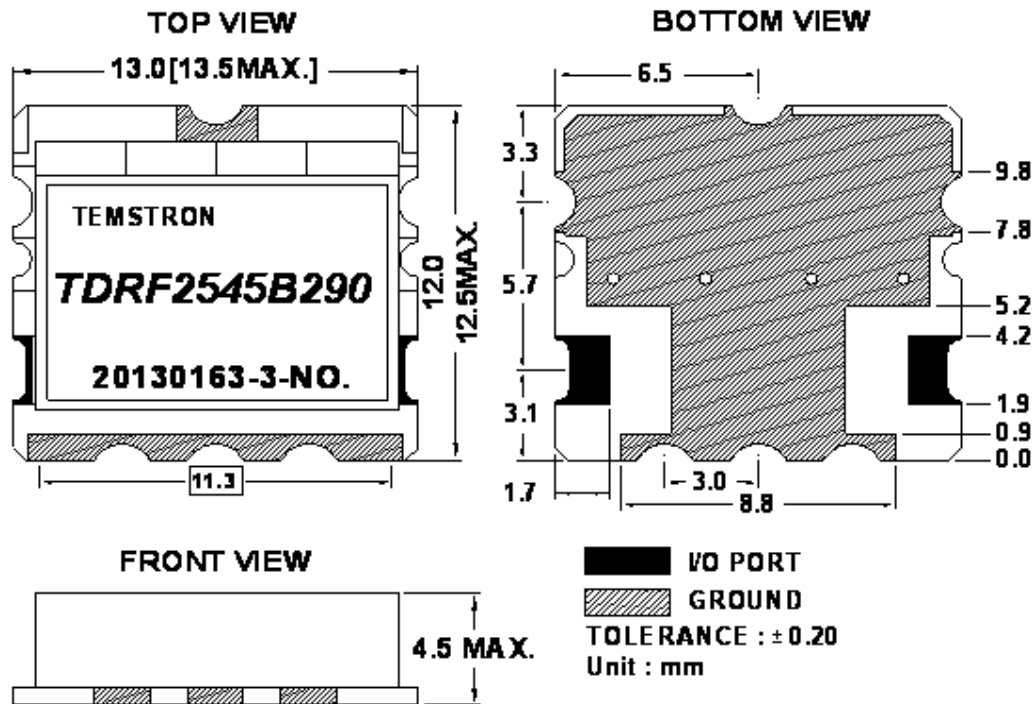
Part No.: _____
Customer: _____
Date: 2013-11-14

Written by	Checked by	Approval
P. H. Hong	M. Y. Chen	C. K. Chang

ELECTRICAL SPECIFICATIONS

ITEM	SPEC	UNIT	
1	Center Frequency [fo]	2545	MHz
2	Bandwidth [BW]	$fo \pm 145.00$ [2400.00~2690.00]	MHz
2	Insertion Loss at BW	3.00	dB max.
4	Ripple in BW	1.00	dB max.
5	V.S.W.R in BW	2.00	max.
6	Attenuation [Absolute Value]	10.0 dB min.@ fo = 2300.00 7.0 dB min.@ fo = 2790.00	MHz
7	In/Out Impedance	50	Ω
8	Operation Temperature Range	-40~+85	
9	Return Loss in BW		dB min.
10	Group Delay Variation		ns max
11	Input Power	2.0	W max.

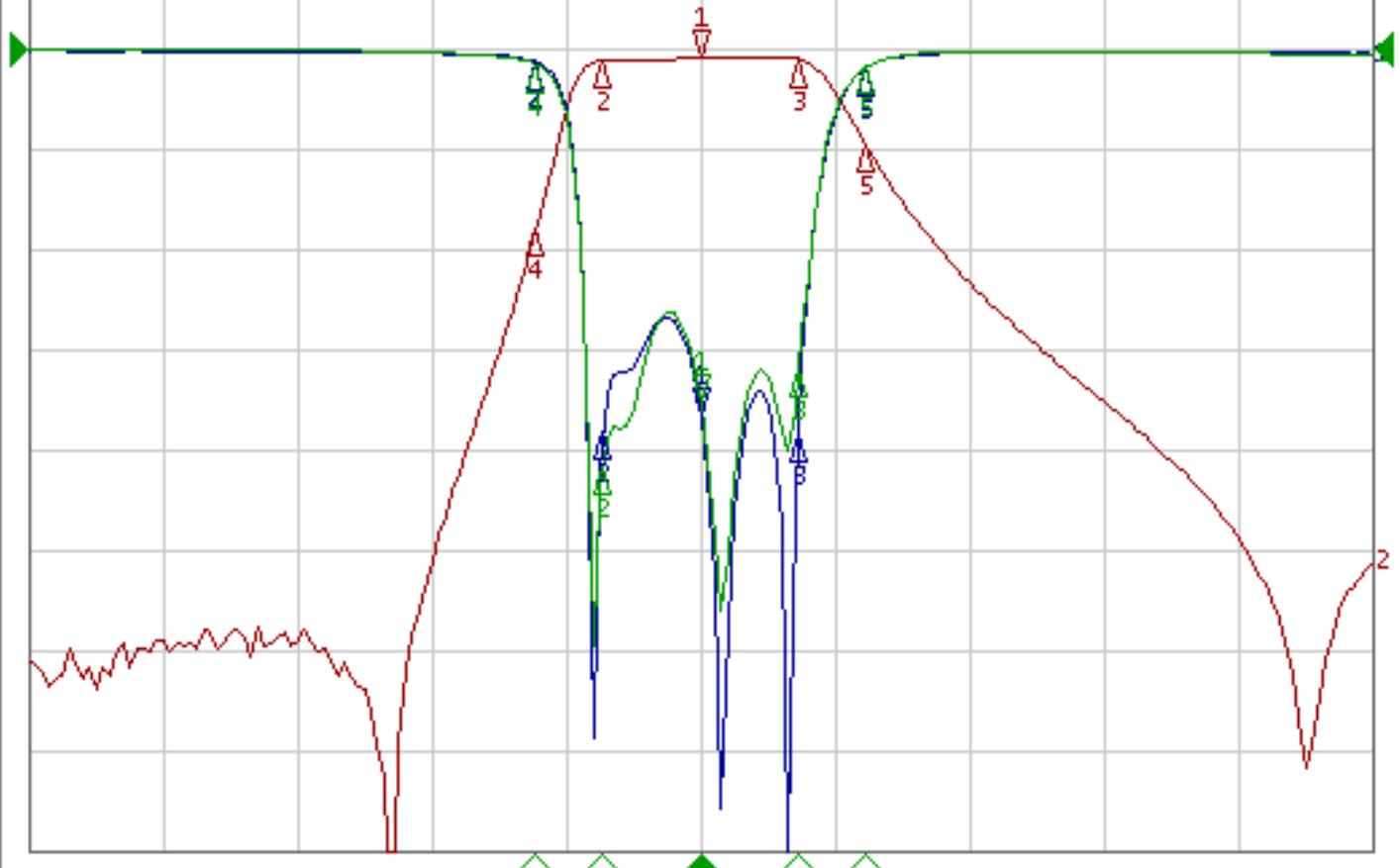
MECHANICAL SPECIFICATION



PLOT DATA

Tr1 S11 Log Mag 5.000dB/ Ref 0.000dB [F3]
Tr2 S21 Log Mag 10.00dB/ Ref 0.000dB [F3]
▶ Tr3 S22 Log Mag 5.000dB/ Ref 0.000dB [F3]

1	2.5450000 GHz	-0.7048 dB	>1	2.5450000 GHz	-17.557 dB
2	2.4000000 GHz	-1.0371 dB	2	2.4000000 GHz	-20.760 dB
3	2.6900000 GHz	-0.9216 dB	3	2.6900000 GHz	-15.987 dB
4	2.3000000 GHz	-17.764 dB	4	2.3000000 GHz	-0.7186 dB
5	2.7900000 GHz	-9.3452 dB	5	2.7900000 GHz	-0.8320 dB



1 Center 2.545 GHz

IFBW 70 kHz

Span 2 GHz C? |