



TEMEX
S.A.W.

Flexibility & Innovation

DATA SHEET

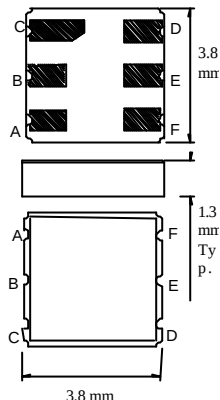
DS0176_03
15/10/01

TSF1290-01

1290 MHz S.A.W.FILTER

PRELIMINARY SPECIFICATION

PACKAGE 3.8x3.8 MM SMD



All Dimensions in mm, B- Input, E- Output
Unused contacts to be connected to Ground

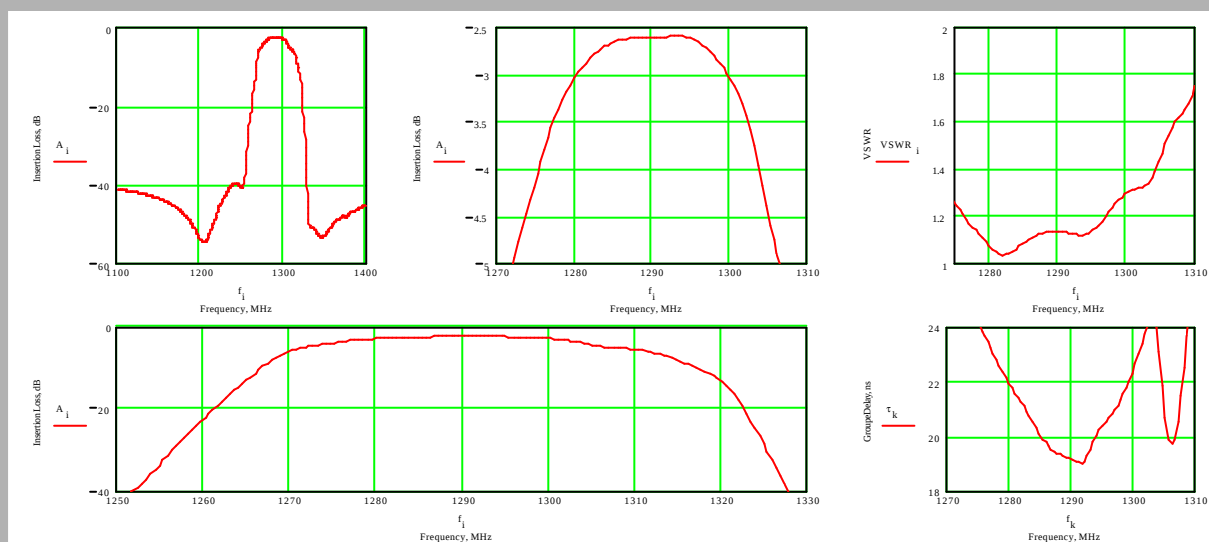
PRODUCT FEATURES :

- **LOW LOSS**
- **HIGH REJECTIONS**
- **SMALL SMD PACKAGE**
- **LOW GROUP DELAY RIPPLE**

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OR CONTACT YOUR TEKELEC TEMEX SALES
REPRESENTATIVE

TYPICAL PERFORMANCE (Simulation)



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Centre frequency	f_0		1285	1290	1295	MHz
2 dB Bandwidth	Δf_2			32		MHz
Min Insertion Loss	IL	In T_{op}		2.6	3.5	dB
Amplitude Variation	AV	$f_0 \pm 5$ MHz		0.4	0.7	dB
Group Delay Ripple	GDR	$f_0 \pm 5$ MHz		6	10	ns
VSWR	SWR	$f_0 \pm 5$ MHz		1.35	2	
Rejections wrt 0 dB	R_{j1}	0.3 ... $f_0 - 44$ MHz	38	41		dB
In T_{op}	R_{j2}	$f_0 + 44$... 2000 MHz	38	45		dB
Temperature Range	T_{op}	Operational	10	25	70	°C
RF Power	Pmax	$f_0 \pm 5$ MHz			17	dBm
I/p & O/P impedance	Z_{in}/Z_{out}	Unmatched		50		Ohm