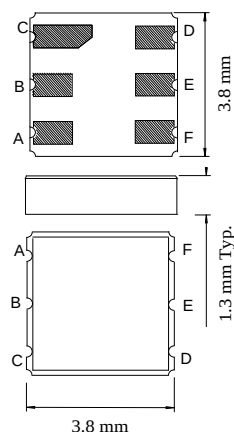


TSF1265-01

1265 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

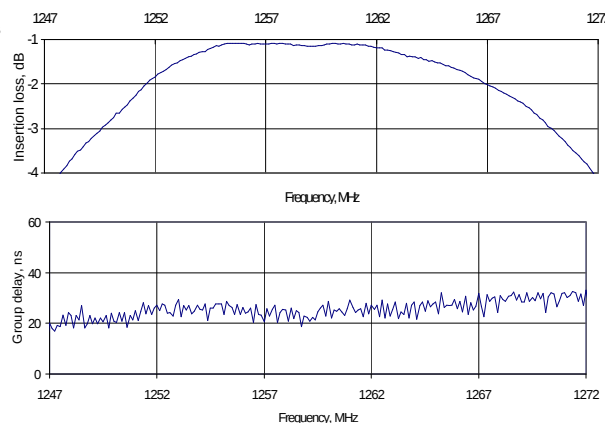
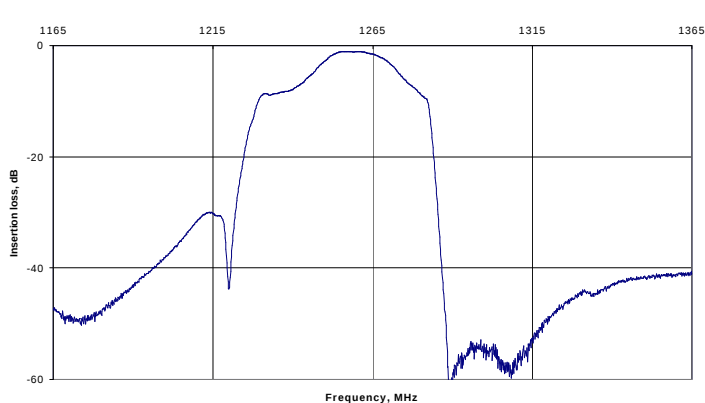
PRODUCT FEATURES :

- **LOW LOSS**
- **HIGH REJECTIONS**
- **SMALL SMD PACKAGE**
- **SMALL AMPLITUDE AND GROUP DELAY VARIATION**

CONTACT : **TEMEX S.A.W.**
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OR CONTACT YOUR TEKELEC TEMEX SALES REPRESENTATIVE

TYPICAL PERFORMANCE



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Centre frequency	f_0		1260		1270	MHz
3dB Bandwidth	Δf_3			25	30	MHz
Min Insertion Loss	IL	In T_{0p}		1.0	2.2	dB
Amplitude Variation	AV	$f_0 \pm 3.5$ MHz		0.3	0.5	dB
Group Delay Ripple	GDR	$f_0 \pm 3.5$ MHz		4	12	ns
VSWR	SWR	$f_0 \pm 3.5$ MHz		1.35	2.0	
Rejections wrt 0 dB	R_{j1}	0.3 ... f_0-95 MHz	35	38		dB
In T_{0p}	R_{j2}	f_0-95 ... f_0-88 MHz	37	45		dB
	R_{j3}	f_0-88 ... f_0-44 MHz	30	42		dB
	R_{j4}	f_0+44 ... 2000 MHz	35	40		dB
Temperature Range	T_{0p}	Operational	10	25	70	°C
RF Power	P_{max}	$f_0 \pm 3.5$ MHz			17	dBm
I/p & O/P impedance	Z_{in}/Z_{out}	Unmatched		50		Ohms