

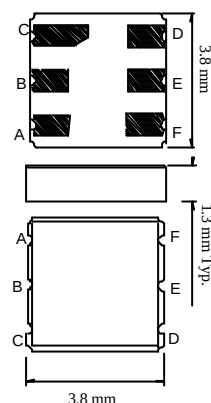
DATA SHEET

DS0343_04
08/04/02

TSF0938-04
938 MHz SAW FILTER

PRELIMINARY SPECIFICATION

PACKAGE 3.8X3.8 MM SMD



Input: E Output: B

Unused contacts to be connected to Ground

PRODUCT FEATURES:

- **LOW LOSS**
- **HIGH REJECTIONS**
- **SMALL SMD PACKAGE**

CONTACT:

TEMEX S.A.W.

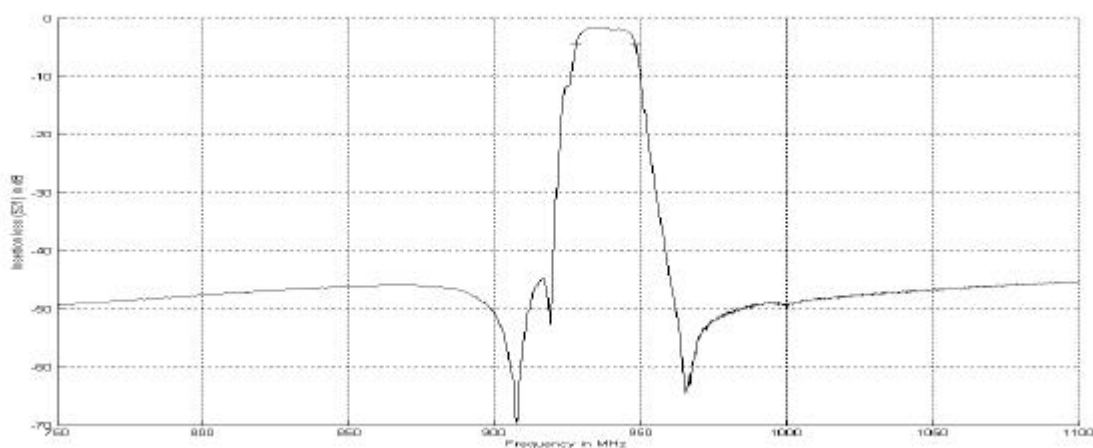
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OR CONTACT YOUR TEKELEC TEMEX SALES REPRESENTATIVE

TYPICAL PERFORMANCE (Measurement)



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Centre Frequency	f_o			938		MHz
Operational Bandwidth	$? f_{Op}$		935		941	MHz
Insertion Loss	IL	In $? f_{Op}$		1.9	2.5	dB
Amplitude Variation	AV	In $? f_{Op}$		0.3	1.2	dB
VSWR	SWR	In $? f_{Op}$ at 20 °C		1.2	1.8	
Rejections wrt 0 dB	R_{j1}	0.3 ... 915 MHz	40	45		dB
In T_{Op}	R_{j2}	968 ... 1050.65 MHz	45	48		dB
	R_{j3}	1050.65 ... 1500 MHz	40	43		dB
	R_{j4}	1500 ... 2500 MHz	30	35		dB
Temperature Range	T_{Op}	Operational	-30	20	70	°C
RF Power	P_{max}	In $? f_{Op}$			17	dBm
I/P & O/P Impedance	Z_{in}/Z_{out}	Unmatched		50		Ohm