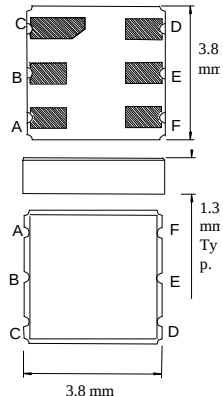


DATA SHEET

DS0173 _02
04/05/01

TSF0867-01
867 MHz SAW FILTER

PRELIMINARY SPECIFICATION

PACKAGE 3.8x3.8 mm OR 3x3 mm SMD


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

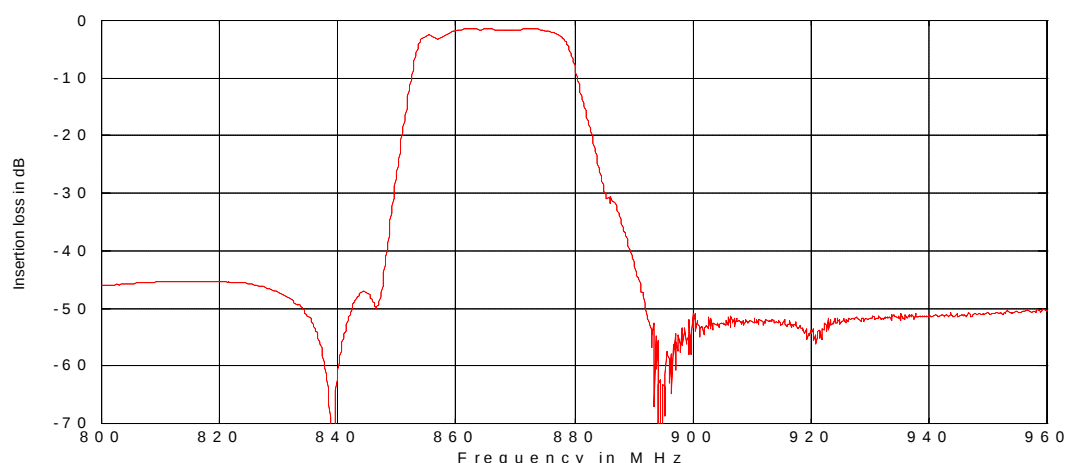
PRODUCT FEATURES :

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

CONTACT : **TEMEX S.A.W.**
PUITS-GODET 8,
2000 NEUCHÂTEL
SWITZERLAND
TEL : ++41 32 722 1820
FAX : ++41 32 722 1829

OR CONTACT YOUR TEKELEC TEMEX SALES
REPRESENTATIVE

TYPICAL PERFORMANCE (Measurement)



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Centre frequency				867		MHz
1 dB Bandwidth	Δf_1		864		870	MHz
Insertion Loss	IL	In Δf_1		1.7	2.5	dB
Amplitude Variation	AV	In Δf_1		0.5	1	dB
VSWR	SWR	In Δf_1		1.8	2.3	
Rejections wrt 0 dB	Rj ₁	0.3 ... 845 MHz	42	45		dB
In T _{0p}	Rj ₂	895 ... 1000 MHz	45	50		dB
	Rj ₃	1000 ... 1500 MHz	40	45		dB
	Rj ₄	1500 ... 2000 MHz	30	35		dB
Temperature Range	T _{0p}	Operational	-30	20	65	°C
RF Power	P _{max}	In Δf_1			17	dBm
I/p & O/P impedance	Z _{in} /Z _{out}	Unmatched		50		Ohm