

DATA SHEET

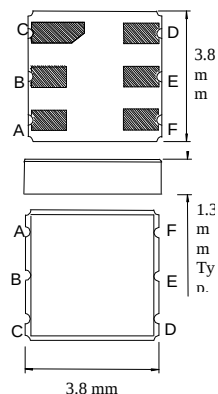
DS0136 v. 04
20/03/01

TSF0869-03

869 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

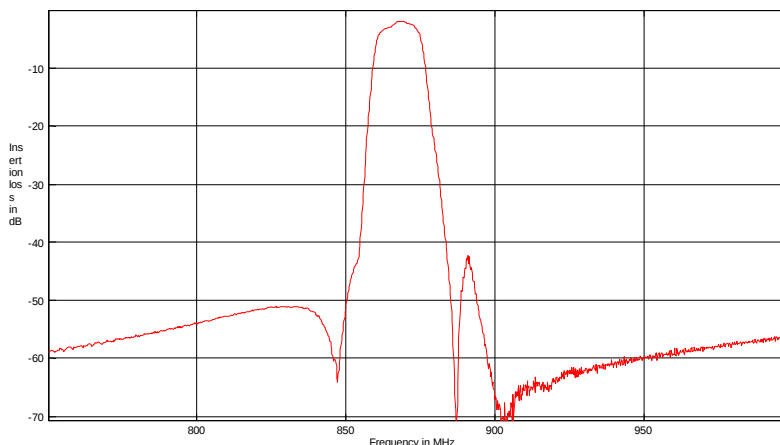
PRODUCT FEATURES :

- **Low Loss**
- **HIGH REJECTIONS**
- **SMALL SMD PACKAGE**

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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	Nominal		869		MHz
Operating band	BW_{op}	Nominal	868		870	MHz
Insertion Loss	IL	In BW_{op}		2.5	3	dB
VSWR	SWR	in BW_{op}		1.3	2	
Rejections wrt min IL	R_{j1}	0.3 ... 845 MHz	47	55		dB
	R_{j2}	845 ... 850 MHz	40	45		dB
	R_{j3}	887 ... 900 MHz	40	45		dB
	R_{j4}	900 ... 1200 MHz	47	60		dB
	R_{j5}	1200 ... 2000 MHz	35	45		dB
Temperature Range		Operational	-40	25	85	°C
RF Power	P_{max}	in BW_{op}			17	dBm
I/p & O/P impedance	Z_{in}/Z_{out}	Unmatched		50		Ohms