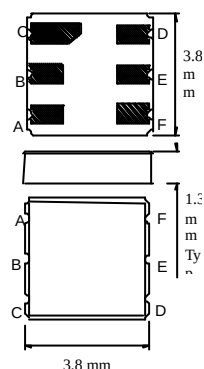


TSF0815-01
815.5 MHz S.A.W.FILTER

DELIVERY SPECIFICATION

PACKAGE 3.8x3.8 mm SMD



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

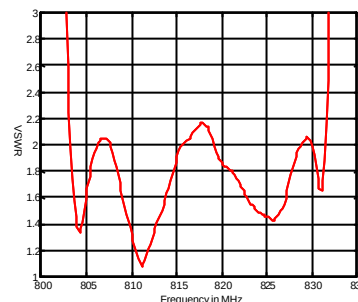
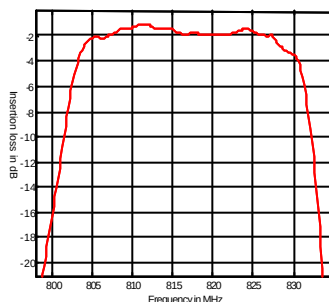
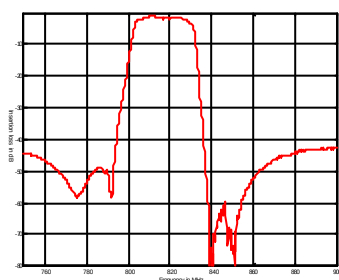
PRODUCT FEATURES :

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

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	f_0	Nominal		815.5		MHz
Operating band	BW_{op}	Nominal	806		825	MHz
Insertion Loss	IL	In BW_{op}		2.3	3	dB
VSWR	SWR	in BW_{op}		1.8	2.5	
Rejections wrt min IL	R_{j1}	0.3 ... 450 MHz	40	45		dB
	R_{j2}	450 ... 750 MHz	37	40		dB
	R_{j3}	750 ... 788 MHz	40	43		dB
	R_{j4}	788 ... 793 MHz	20	30		dB
	R_{j5}	837 ... 840 MHz	20	30		dB
	R_{j6}	840 ... 900 MHz	40	45		dB
	R_{j7}	900 ... 1200 MHz	37	45		dB
	R_{j8}	1200 ... 2000 MHz	40	43		dB
Temperature Range		Operational	-25	25	75	°C
RF Power	P_{max}	in BW_{op}			17	dBm
I/p & O/P impedance	Z_{in}/Z_{out}	Unmatched		50		Ohms