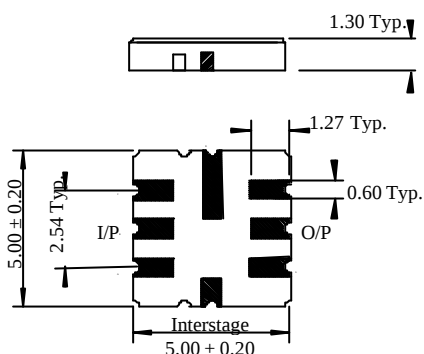


TSF0115-02

115 MHz SAW FILTER

PRELIMINARY SPECIFICATION (PROPOSAL)

PACKAGE SMD5



All Dimensions in mm
Unused contacts to be connected to Ground

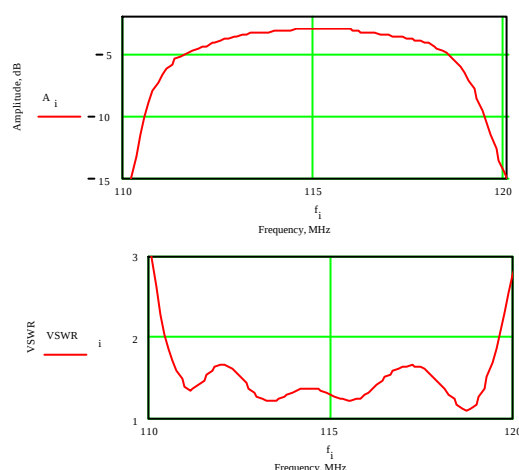
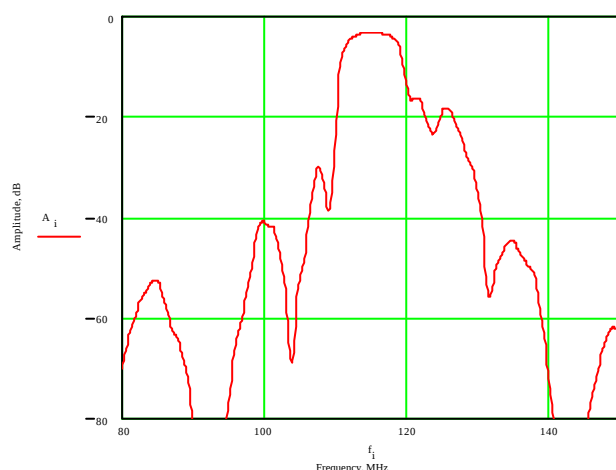
PRODUCT FEATURES :

- **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 (Simulation)



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Operating Frequency	f_o	Nominal		115		MHz
Operating band	BW_{op}	Nominal	112		118	MHz
Insertion Loss	IL	In BW_{op}		4	6	dB
Rejections wrt 0 dB	R_{j1}	0 ... 95 MHz	40	50		dB
	R_{j2}	95 ... 108 MHz	20	25		dB
	R_{j3}	124 ... 129 MHz	14	17		dB
	R_{j4}	129 ... 139 MHz	25	30		dB
	R_{j4}	139 ... 300 MHz	40	50		dB
Temperature Range		Operational	-40	25	85	°C
RF Power	P_{max}	in BW_{op}			20	dBm
I/p & O/P impedance	Z_{in}/Z_{out}	Matched, Coil // to I/p & O/P One interstage coil		250		Ohm