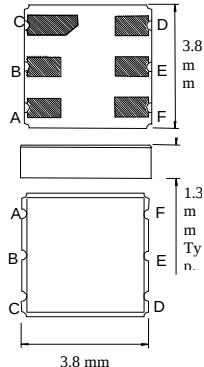


TSF0942-01 942.5 MHz EGSM RX SAW FILTER

STANDARD SPECIFICATION

PACKAGE 3.8x3.8 MM SMD



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

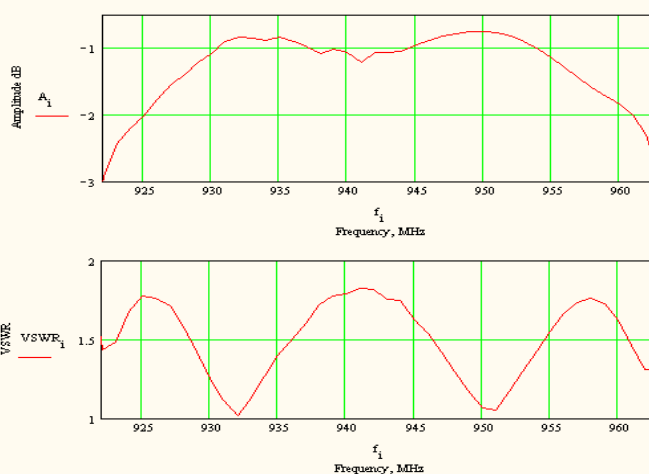
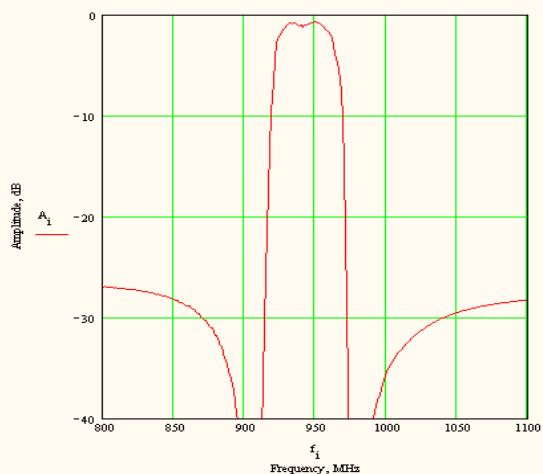
PRODUCT FEATURES :

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

CONTACT : **TEMEX S.A.W.**
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TEL : ++41 32 722 1828
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➤ OR CONTACT YOUR *TEKELEC TEMEX SALES REPRESENTATIVE*

TYPICAL PERFORMANCE (Simulation)



ELECTRICAL CHARACTERISTICS

Parameter, Remarks	Symbol	Conditions	Min	Typ	Max	Unit
Operating band	BW _{op}	Nominal	925		960	MHz
Insertion Loss	IL	In BW _{op}		2.5	3.5	dB
Amplitude ripple	AR	In BW _{op}		1.5	2.2	dB
VSWR	SWR	in BW _{op}		1.9	2.5	
Rejections wrt 0 dB	Rj ₁	0.3 ... 890 MHz	25	27		dB
	Rj ₂	890 ... 910 MHz	30	33		dB
-30°C...+50°C	Rj ₃	910 ... 915 MHz	17	25		dB
+50°C...+85°C	Rj _{3T}	910 ... 915 MHz	12	20		dB
	Rj ₄	980 ... 1000 MHz	30	33		dB
	Rj ₅	1000 ... 2800 MHz	25	30		dB
Temperature Range		Operational	-30	25	85	°C
RF Power	P _{max}	in BW _{op}			17	dBm
I/p & O/P impedance	Z _{in} /Z _{out}	Unmatched		50		Ohms

Please Note: This specification is subject to modification without notice.