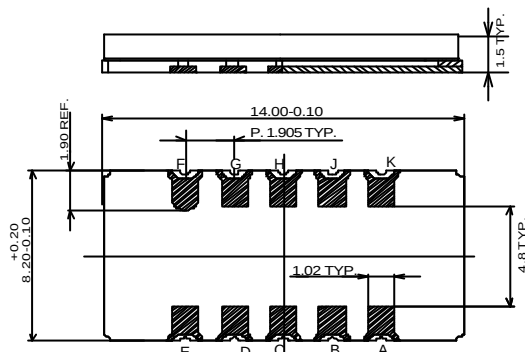


TSF0075-02

75 MHz BALANCED SAW FILTER

DELIVERY SPECIFICATION

PACKAGE: 14.0x8.2 MM SMD



All Dimensions in mm

Balanced Input -A , +C

Balanced Output +F , -H

Interstage inductor connectors E, K

Unused contacts to be connected to Ground

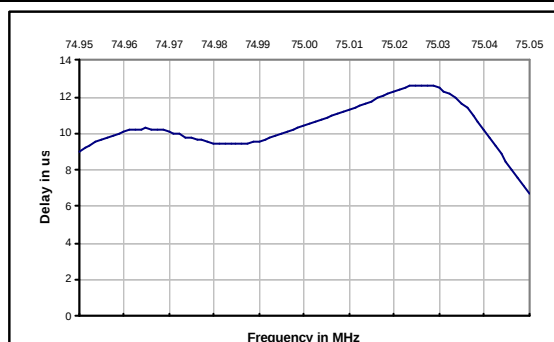
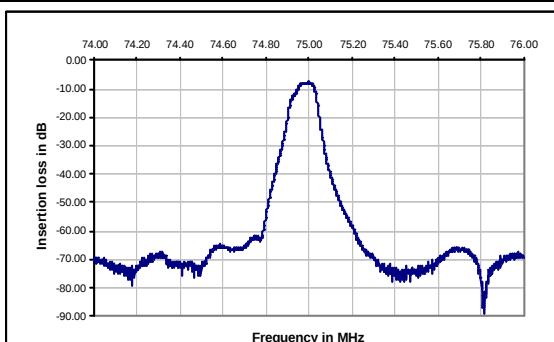
PRODUCT FEATURES :

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

CONTACT : **TEMEX S.A.W.**
PUITS-GODET 8,
2000 NEUCHÂTEL
SWITZERLAND
TEL : ++41 32 722 18 28
FAX ++41 32 722 18 29

➤ OR CONTACT YOUR TEKELEC TEMEX SALES REPRESENTATIVE

TYPICAL PERFORMANCE (measurement)



ELECTRICAL CHARACTERISTICS-TX

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Operating Frequency	f_o	Nominal		75		MHz
1-dB band	BW_1	In T_{op}	15			kHz
Insertion loss in BW_{op}	IL	In T_{op}		10	12.5	dB
Group Delay Ripple	GD	In BW_1		3	5.5	μs
Rejections wrt min IL	R_{j1}	$\pm 150 \dots \pm 200$ kHz	30	35		dB
	R_{j2}	$\pm 200 \dots \pm 400$ kHz	42	45		dB
	R_{j3}	$\pm 400 \dots \pm 1600$ kHz	53	55		dB
	R_{j4}	73.4 ... 69 MHz	50			dB
	R_{j5}	76.6 ... 81 MHz	53	55		dB
Operating temperature	T_{op}		-40	25	85	$^{\circ}C$
DC Voltage	V_{DC}				5	V
I/p & O/P impedance	Z_{in}/Z_{out}	Balanced; matching TBD		100		Ohms