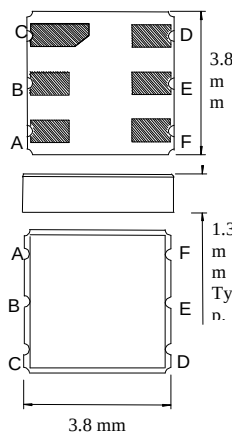


TSF0902-05 BROADBAND DATA IF SAW FILTER

STANDARD SPECIFICATION

PACKAGE 3.8x3.8 MM SMD

All Dimensions in mm



Input: B

Output: E

Unused contacts to be connected to Ground

PRODUCT FEATURES :

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

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➤ OR CONTACT YOUR TEMEX SALES REPRESENTATIVE

ELECTRICAL SPECIFICATIONS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Center Frequency	f_0	Nominal		902.5		MHz
1.5 dB Bandwidth	$BW_{1.5}$		16	20.5		MHz
3 dB Bandwidth	BW_3		19	23.5		MHz
Min Insertion Loss	IL			1.5	2.25	dB
VSWR	SWR	in $BW_{1.5}$		1.6	2.5	
Group Delay variation	$\Delta\tau$	in $BW_{1.5}$		18	40	ns
Rejections wrt 0dB	R_{j1}	DC ... 800 MHz	40	50		dB
	R_{j2}	800 ... 850 MHz	47	53		dB
	R_{j3}	850 ... 875 MHz	40	45		dB
	R_{j4}	875 ... 884 MHz	20	25		dB
	R_{j5}	924 ... 928 MHz	20	25		dB
	R_{j6}	928 ... 932 MHz	40	45		dB
	R_{j7}	932 ... 1100 MHz	47	52		dB
	R_{j8}	1100 ... 1700 MHz	40	50		dB
	R_{j9}	1700 ... 2000 MHz	30	36		dB
Temperature Range	Tr		-10	25	70	°C
I/P & O/P impedance	Z_{in}/Z_{out}	Unmatched		50		Ohms

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