



Flexibility & Innovation

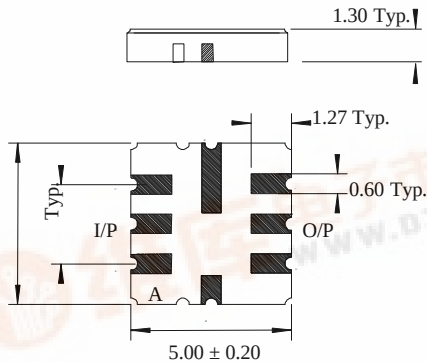
DATA SHEET

DS0027. S1
04/04/00

TSF0465-02 NMT450/CDMA RX S.A.W.FILTER

STANDARD SPECIFICATION

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.

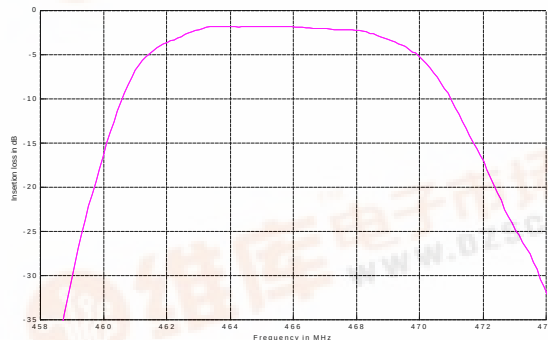
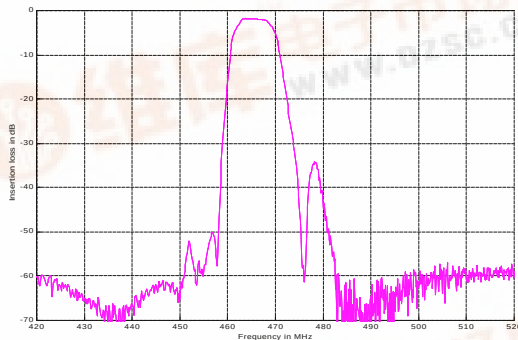
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OR CONTACT YOUR TEKELEC TEMEX SALES REPRESENTATIVE

TYPICAL PERFORMANCE (Measurement)



ELECTRICAL CHARACTERISTICS

Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Operating Frequency	f_0	Nominal		465.0		MHz
Operating band 1	BW_1	Nominal	463.0		467.5	MHz
Operating band 2	BW_2	Nominal	462.5		463.0	MHz
Insertion Loss 1	IL1	In BW_1		2.5	3.80	dB
Insertion Loss 2	IL 2	In BW_2		3.5	6.0	dB
VSWR	SWR	in BW_{op}		1.5	2.0	
Rejections wrt 0 dB	Rj ₁	0.3 ... 452.5 MHz	40	55		dB
	Rj ₂	452.5 ... 458.0 MHz	35	45		dB
Temperature 15 – 40 °C	Rj _{2a}	452.5 ... 458 MHz	40	50		
	Rj ₃	485 ... 507.5 MHz	45	55		dB
	Rj ₄	507.5 ... 1400 MHz	40	45		dB
	Rj ₅	1400 ... 2000 MHz	15	20		dB
Temperature Range		Operational	-10	25	85	°C
RF Power	Pmax	in BW_{op}			25	dBm
I/p & O/P impedance	Z _{in} /Z _{out}	Unmatched		50		Ohms

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

