



TEMEX
S.A.W.

Flexibility & Innovation ...

DATA SHEET

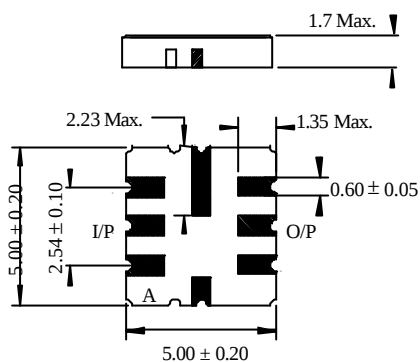
DS0026_20
21.09.01

TSF0455-04

NMT450 TX S.A.W. FILTER

PRELIMINARY 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.

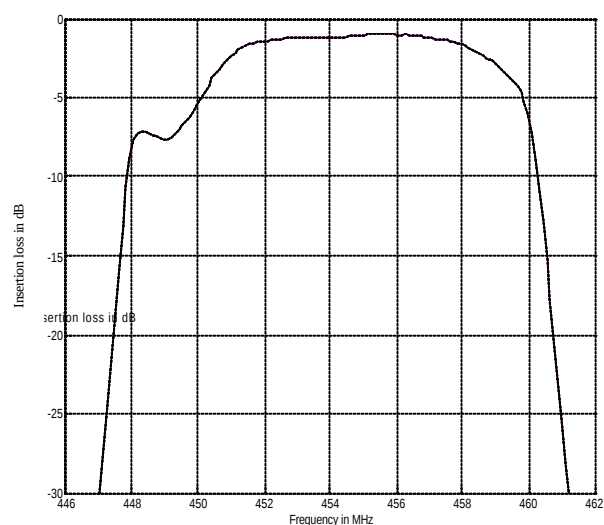
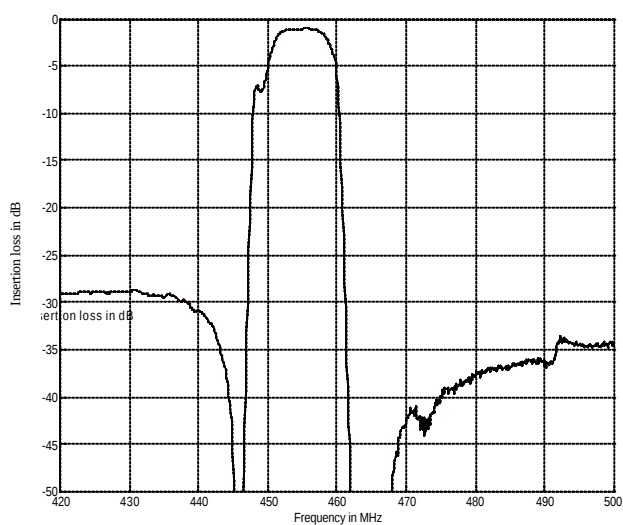
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OR CONTACT YOUR TEKELEC TEMEX SALES REPRESENTATIVE

TYPICAL PERFORMANCE (Measurement)





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ELECTRICAL CHARACTERISTICS						
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
Operating Frequency	f_o	Nominal		455.0		MHz
Operating Band	BW_{op}	Nominal	452.5		457.5	MHz
Insertion Loss	IL	In BW_{op}		2.0	2.8	dB
VSWR	SWR	In BW_{op} at 21°C		1.5	2.0	
Rejections wrt 0 dB	R_{j1}	0.3 ... 350 MHz	30	35		dB
	R_{j2}	350 ... 445 MHz	25	30		dB
	R_{j3}	462.5 ... 467.5 MHz	30	40		dB
	R_{j4}	467.5 ... 2000 MHz	25	30		dB
Temperature Range		Operational	-10	25	85	°C
RF Power	P_{max}	In BW_{op}			25	dBm
I/p & O/P Impedance	Z_{in}/Z_{out}	Unmatched		50		Ohms

ELECTRICAL CHARACTERISTICS (based on real measurements)						
Parameter	Symbol	Conditions	Min	Typ	Max	Unit
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FREQUENCY SHIFT

