

DATE	SYM	REVISION RECORD	AUTH.	DR.	CK.
4/00	A	Revised 12db Bandwidth			0738

ELECTRICAL SPECIFICATIONS:
 All specifications apply to a single two pole filter, and all specifications are the same for both filters, with the exception of the intermodulation.
 Ambient Temperature: +25°C unless otherwise specified
 Temperature Accuracy: ±2°C.

- Center Frequency: 44.850 Mhz
- Bandwidth: @3.0db ± 8.0 Khz Min.
@12.0db: ±20.0Khz Max. (A)
- Ripple: 1.0db Max. (Fo ± 4.4Khz Min.)
- Insertion Loss at Fo: 2.0db Max.
- Spurious Attenuation: Fo + 20Khz to 500Khz: 12.0db
Fo + 500Khz to +910Khz: 23.0db
Fo + 910Khz to +1Mhz: 40.0db
Fo - 350Khz to -1Mhz: 50.0db
Fo - 910 Khz: 50.0db
- Termination Impedance: 550 Ohms in parallel with 3.0pf
- Intermodulation: (At -20.0dBm Test Input Levels)
First Filter: 80.0db Min.
Second Filter: 60.0db Min.
- Temperature Range: -30°C to +70°C
- Temperature Stability: ±30ppm Ref. to +25°C.
- Aging Stability: ± 10ppm Max. (1)
- Vibration Stability: ± 10ppm Max. (2)
- Shock Stability: ± 10ppm Max. (2)
- Thermal Shock Stability: ± 10ppm Max. (2)
Ref. to F1 at +25°C
Ref. to Initial F1 Frequency

TOLERANCES (EXCEPT AS NOTED)		PRECISION DEVICES INC.	
DECIMAL	Tolerance: Decimal: ±.008 Metric: ±[.20]	SCALE	DRAWN BY <i>A. Hilary</i>
+/-		N.T.S.	APPROVED <i>B.D.W.</i>
FRACTIONAL	TITLE	Final Assembly	
+/-	DATE	DRAWING NUMBER	
ANGULAR	4/17/00	3180 H	
+/-			

