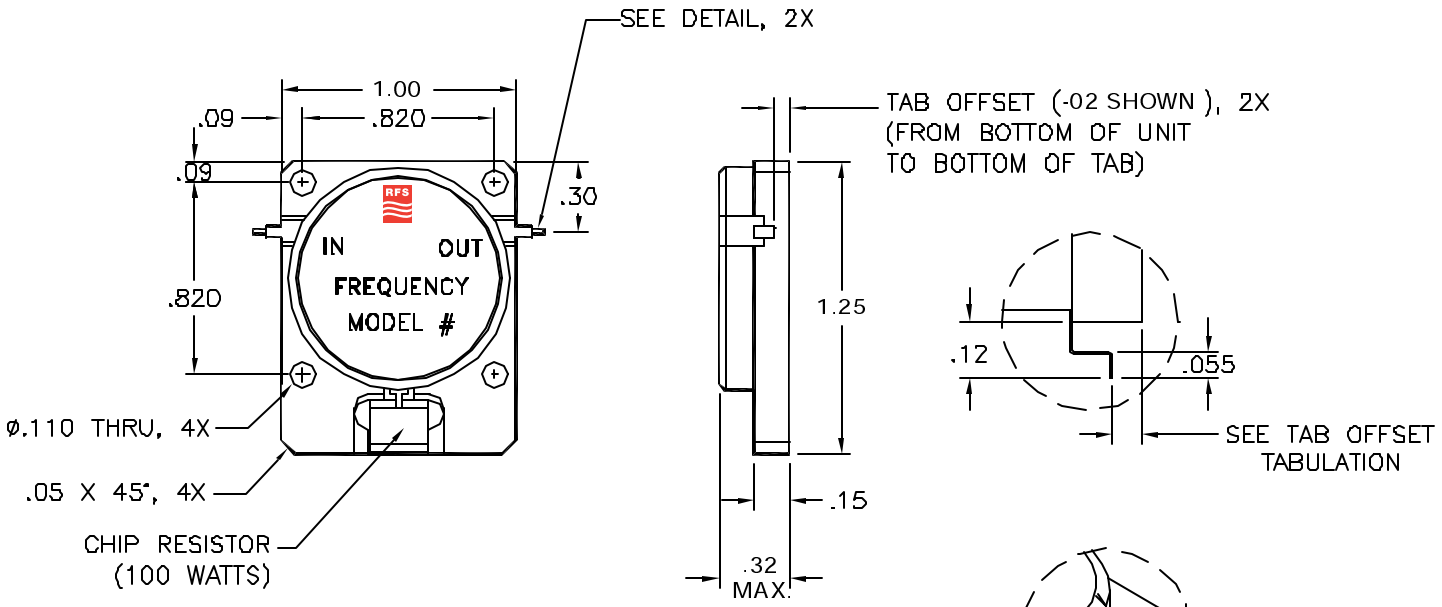
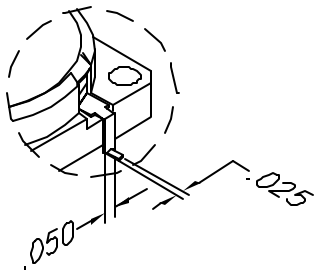
FERROCOM FERRITE DIVISION

1" ISOLATOR
LOW LOSS, HIGH POWER



IB F1-F2-01-R

- ISOLATOR
- 1" PACKAGE
- LOW FREQUENCY
- HIGH FREQUENCY
- TAB OFFSET (SURFACE)
- REVERSE CIRCULATION



(-03) STRAIGHT TAB TO BE .025W X .12 LG.

ELECTRICAL SPECIFICATIONS	
FREQUENCY	F1 TO F2 MHz.
ISOLATION	23 dB TYP. @ ROOM 20 dB MIN. OVER TEMP.
INSERTION LOSS	.25 dB TYP. @ ROOM .30 dB MAX. OVER TEMP.
RETURN LOSS	23 dB TYP. @ ROOM 20 dB MIN. OVER TEMP.
OPERATION TEMPERATURE	-40 TO +85°C
POWER	100 WATTS FORWARD 100 WATTS REVERSE
IMD	-70 dBc 2 TONES 37.5 WATTS AVERAGE POWER PER TONE, 1 MHz APART
	HEAT SINK TEMPERATURE NOT TO EXCEED +90°C

DASH	TAB OFFSET
-01	SURFACE MNT. .000"
-02	.062"
-03	.150"

FREQUENCY F1-F2 MHz	FREQUENCY F1-F2 MHz
800 TO 840	1700 TO 1800
830 TO 880	1805 TO 1880
869 TO 894	1930 TO 1990
885 TO 920	2100 TO 2200
925 TO 960	

MECHANICAL SPECIFICATIONS		
MATERIAL	ALUMINUM	
FINISH	ELECTRONLESS NICKEL	
TAB MATERIAL	BeCu 5MILS THK., SILVER PLATED	
TOLERANCES	.XX = ±.010	.XXX = ±.005

MODEL NO. IBF1-F2-0X-R