

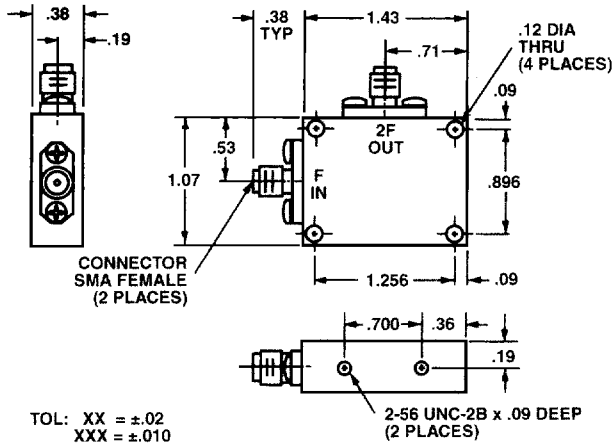
## FREQUENCY DOUBLERS

- Broadband
- Low Conversion Loss
- Flat Output
- Low VSWR

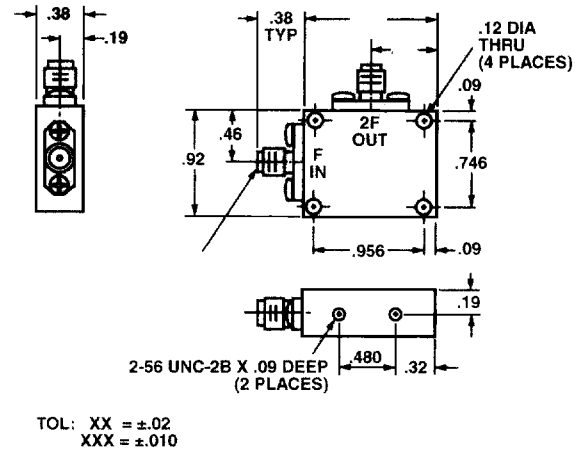
### SPECIFICATIONS

MODEL	INPUT FREQUENCY GHz	OUTPUT FREQUENCY GHz	CONVERSION LOSS, dB (Max)	INPUT VSWR (Max)	INPUT POWER dBm	FUNDAMENTAL REJECTION, dBc (Min)	3rd HARMONIC REJECTION, dBc (Typ)
4453	2.0-6.0	4.0-12.0	12.0	2.5:1	+10 to +20	15	15
4414	4.0-9.0	8.0-18.0	13.0	2.5:1	+10 to +20	15	15
4415	5.0-10.0	10.0-20.0	13.0	2.5:1	+10 to +20	15	15

Note: Specifications are for an input power of +15 dBm



MODEL 4453



MODELS 4414, 4415

