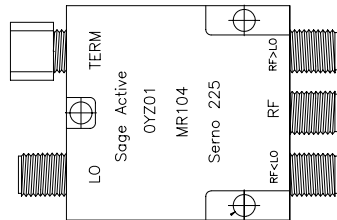




SPECIFICATION BULLETIN MR104 IMAGE REJECTION MIXER
RF/LO: 6.0 to 18.0 GHz IF: 20 to 500 MHz

Standard Product Features:

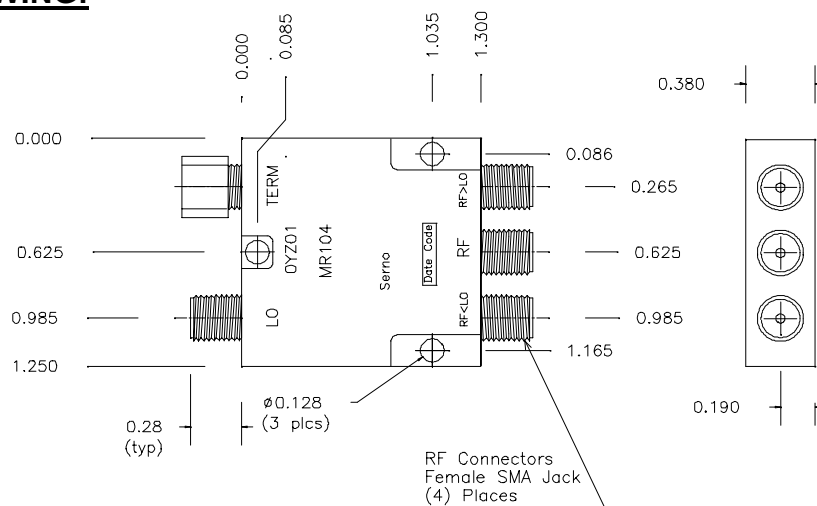
- Broadband RF Coverage
- Triple Balance Mixers
- Field Replaceable SMA Connectors
- Environmentally Sealed Package



SPECIFICATIONS	TYPICAL	Min.	Max.
RF Frequency Range	----	6.0 GHz	18.0 GHz
IF Frequency Range (Octave Bands)	----	20 MHz	500 MHz
Conversion Loss	6.5 dB	----	9.5 dB
Image Rejection	35 dB	16 dB	----
LO Drive Level	--	+9 dBm	+13 dBm
Isolation, LO to RF	35 dB	20 dB	---
LO to IF	35 dB	20 dB	---
VSWR, RF	1.5:1	---	2.4:1
LO	1.8:1	---	2.8:1
IF	1.2:1	---	2.2:1
Input 1 dB Compression (Input) (Note 1)	+5 dBm	+2 dBm	---
Input Two-Tone Third Order IP (IP3) (Note 1)	+15 dBm	+10 dBm	---
Operating Temperature Range	---	-54° C	+95° C
Storage Temperature Range	---	-65° C	+125° C

Note 1: LO Power level = +9 dBm

OUTLINE DRAWING:



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