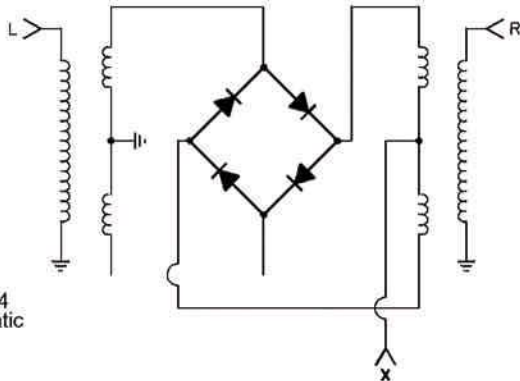
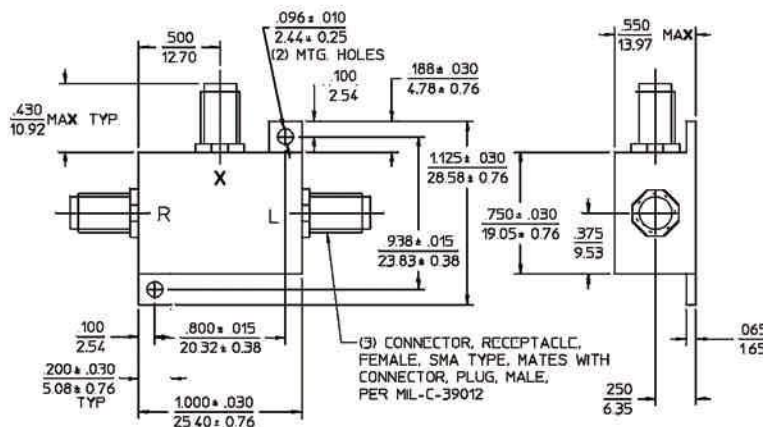


DMM-4
Schematic**PRINCIPAL SPECIFICATIONS**

Model Number	RF/LO Frequency, MHz	LO Drive, dBm, Nom.	IF, MHz	Operating Range, MHz	Conversion Loss, dB, Max. Typ.	Port Isolation, Min. L-R L-X R-X dB	1 dB Compr. Point dBm	Input Intercept Point dBm	1 dB Desens. Level dBm
DMM-4-250	5 - 500	+13	DC-500	5 - 100 100 - 400 400 - 500	9.0 8.0 9.0 5.5 6.5 7.5	40 30 30 25 15 15	+8 dBm (typ.)	+19 dBm (typ.)	+6 dBm (typ.)

All specifications are as measured in a 50Ω system, at nominal LO power, in a downconverter application

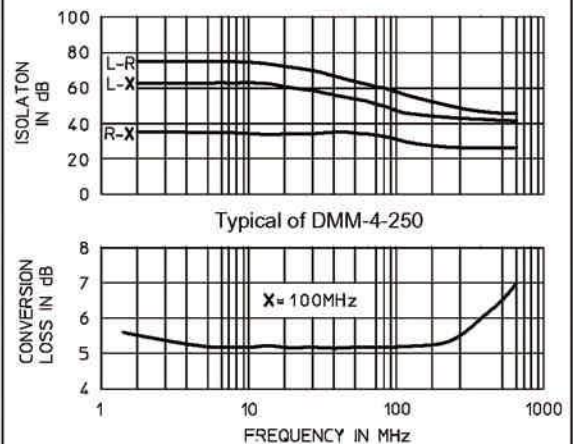
Package Outline

- NOTES: 1. Tolerance on 3 place decimals ± 0.020 (.51) except as noted.
2. Dimensions in inches over millimeters.

General Notes:

The DMM-4-250 Double Balanced Mixer covers the frequency range of 5 to 500 MHz. The DMM-4-250 uses four high barrier diodes in the ring modulator to yield a mixer with high third order intercept.

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**GENERAL SPECIFICATIONS**

Impedance:	50 Ω nom.
Useful LO Drive:	± 3 dB of nominal
SSB Noise Figure:	Within ± 1 dB of Conversion Loss
DC Offset Voltage:	5 mV typ.
DC Polarity:	Positive
Weight, nominal:	0.65 oz (18 g)
Operating Temperature:	-55° to +85°C