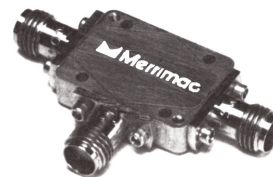


- SPACE QUALIFIED
- WIDEBAND, 3 - 18 GHz
- REMOVABLE SMA CONNECTORS



TECHNICAL DESCRIPTION / APPLICATION

SERIES 03

The DML-2B-10G SQ is a broadband, high reliability microwave mixer with removable SMA connectors. This mixer has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices." Connectors are supplied installed, but not captivated, for test purposes and subsequent removal for flight.

GENERAL SPECIFICATIONS

MODEL NUMBER	LO/RF BANDWIDTH GHz	IF BANDWIDTH GHz	ISOLATION dB MIN.			CONVERSION LOSS		LO POWER LEVEL dBm
			L-R	L-X	R-X	TYP.	MAX.	
DML-2B-10G SQ	3 - 18	DC -1 1 - 1.5 1.5 - 2	20	18	18	5.5 dB 6.5 dB 7.5 dB	9.0 dB 9.5 dB 10 dB	+7 TO +10
RF POWER LEVEL dBm MAX		INPUT INTERCEPT dBm MIN.	IMPEDANCE NOM.			WEIGHT MAX.	OPERATING TEMPERATURE	
0		+10	50 OHM			15 g	-55° TO + 85° C	

PACKAGE OUTLINE

