



PDML-60-50 SQ 0° DIVIDERS / COMBINERS

REV: 001, 05/06/01

- SPACE QUALIFIED
- 5 - 100 MHz 6 WAY SMA



TECHNICAL DESCRIPTION / APPLICATION

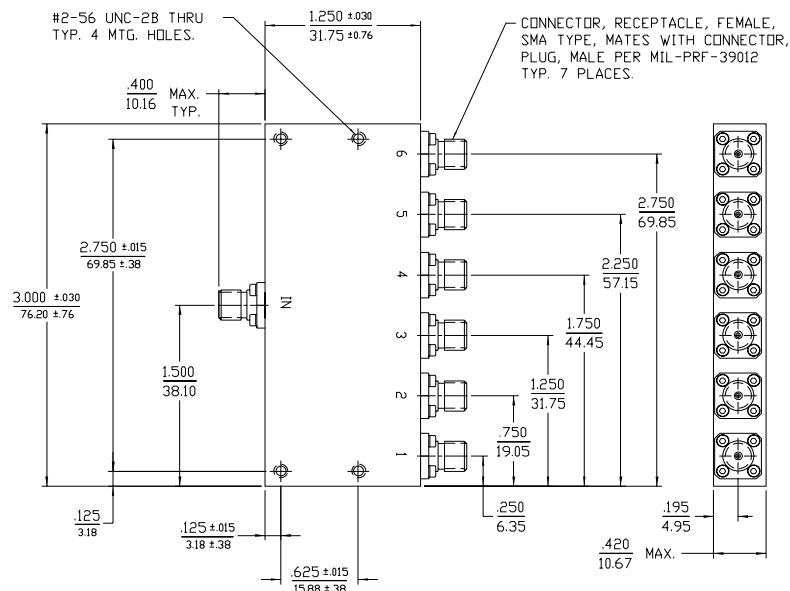
SERIES 05

The PDML-60-50 SQ 6-way In-Phase Power Divider/Combiner covers 5 - 100 MHz. It uses a low profile in line design which provides high isolation and low VSWR. This unit has been designed, manufactured and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices".

GENERAL SPECIFICATIONS

MODEL NUMBER	FREQUENCY RANGE MHz	ISOLATION dB MIN.	INSERTION LOSS MAX.	AMPLITUDE BALANCE	VSWR MAX.
PDML-60-50 SQ	5 - 100	25 dB	1.0 dB	0.4 dB	1.30:1
COUPLING LOSS NOMINAL	PHASE BALANCE	CW INPUT WITH LOAD VSWR 1.2:1 MAX.	IMPEDANCE NOM.	WEIGHT MAX.	OPERATING TEMPERATURE
7.8 dB	6°	1 W	50 OHM	2.5 oz.	-55° to +85 ° C

PACKAGE OUTLINE



NOTES:

1. TOLERANCE ON 3 PLACE DECIMALS ±0.030 (0.76mm) EXCEPT AS NOTED.
2. DIMENSIONS = $\frac{\text{INCHES}}{\text{mm}}$