

0° DIVIDERS/COMBINERS - PDML-60-50 SQ

TECHNICAL FEATURE

FEATURES

- Space Qualified
- 5 - 100 MHz
- 6 Way SMA



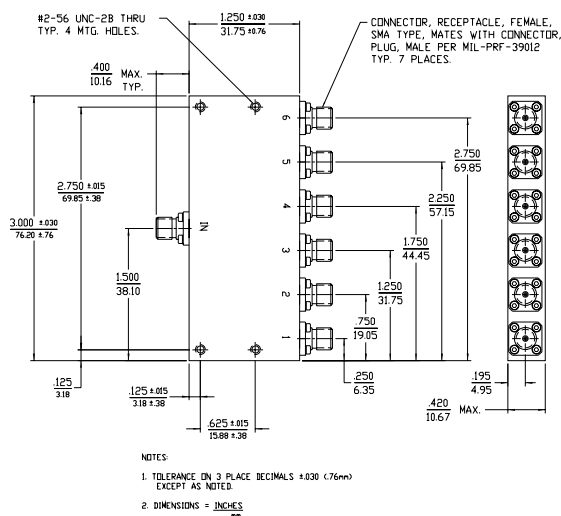
PERFORMANCE

| | |
|------------------------------------|----------------|
| Frequency Range..... | 5 - 100 MHz |
| Isolation..... | .25 min. |
| Insertion Loss..... | 1.0 max. dB |
| Amplitude Balance..... | 0.4 max. dB |
| VSWR Input/Output..... | 1.30:1 max. |
| Phase Balance..... | ±6° |
| Coupling Loss..... | 7.8 dB nom. |
| CW Input with Load VSWR 1.2:1..... | 1 W |
| Impedance..... | 50 Ohm nom. |
| Operating Temperature..... | -55° to +85° C |

DESCRIPTION

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".

PACKAGE OUTLINE



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