



## **TECHNICAL FEATURE**

## **FEATURES**

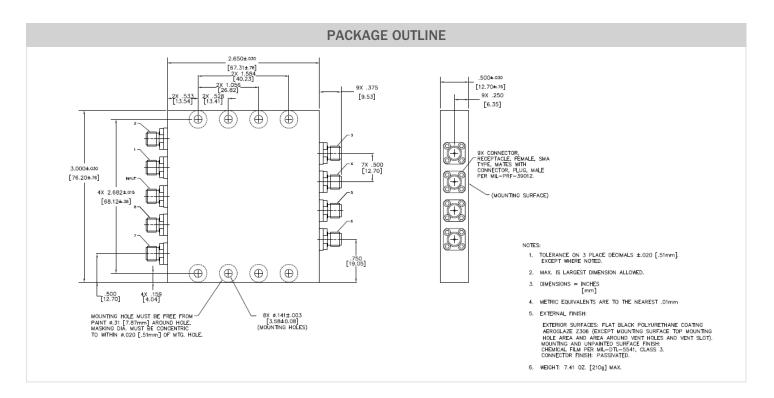
- Space Qualified
- 0.54 1.50 GHz
- 8 Way

PRINCIPAL SPECIFICATIONS
--------------------------

Model Number	Frequency Range GHz	lsolation dB Min.	Insertion Loss, dB Max.	Phase Balance Max.	Amplitude Balance dB Max.		WR ax. Out	CW Input, W, Load VSWR out 1.2:1	Weight Max.
PDML-80-1.02G SQ	0.54 - 1.50	16	4.5	10°	0.6	1.7:1	1.7:1	1	210 g.

## TECHNICAL DESCRIPTION / APPLICATION

The PDML-80-1.02G SQ In-Phase Power Divider covers 0.54 - 1.50 GHz. with a special lumped element design to reduce size, while maintaining high performance. This unit has been designed, manufactured, and qualified per Merrimac document CENG-0001, "Standard Design Requirements for Space Qualified Devices."



Microwave Solutions

Merrimac Industries 41 Fairfield Place, West Caldwell, NJ 07006

+ 1 973-575-1300, 191309 info@craneae.com www.craneae.com Page 1 of 1 PDML-80-1.02G SQ Rev. -, 04/26/2024

DS\_Power Divider\_PDML-80-1.02G SQ\_04262024.indd. This revision supersedes all previous releases. All technical information is believed to be accurate, but no responsibility is assumed for errors. We reserve the right to make changes in products or specifications without notice. Copyright © 2024 Crane Electronics, Inc. All rights reserved.