**PRINCIPAL SPECIFICATIONS**

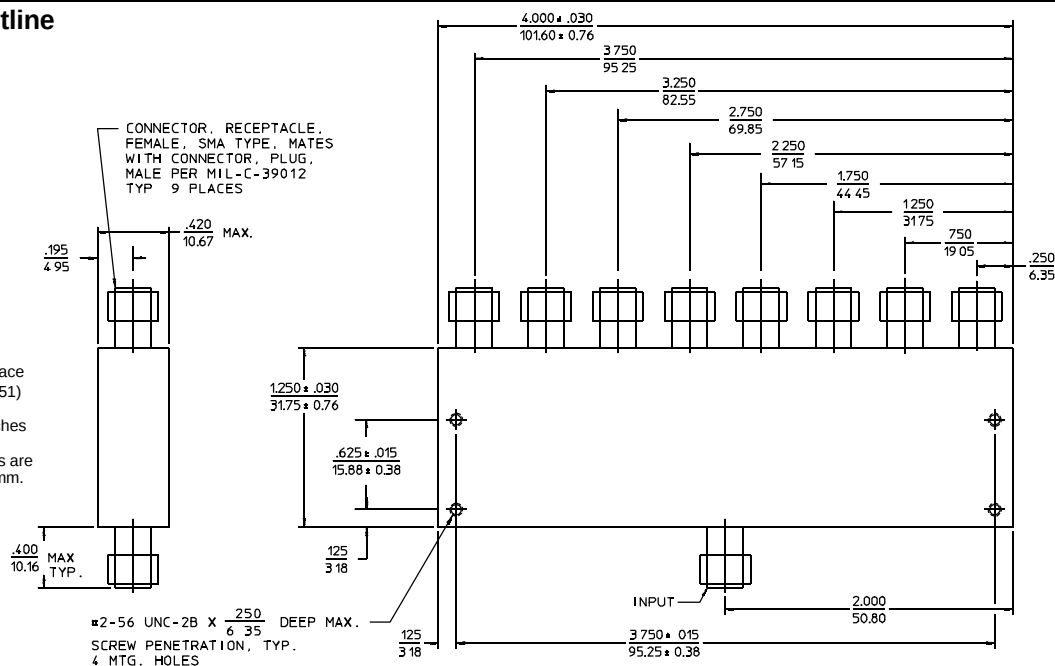
Model Number	Freq. Range, MHz	Freq. Perform., MHz	Isolation, dB, Min.	Isolation, dB, Typ.	Insertion Loss, dB, Max.	Insertion Loss, dB, Typ.	Phase Balance, Max.	Phase Balance, Typ.	Amplitude Balance, dB, Max.	Amplitude Balance, dB, Typ.	VSWR, Max. In	VSWR, Max. Out	Input Power,*
PDML-80-100	2 - 300	2 - 100	28	30	1.0	0.8	5°	2°	0.5	0.2	1.35:1	1.2:1	3 W
		100 - 300	20	25	2.0	1.5	8°	4°	0.6	0.3	1.5:1	1.3:1	
PDML-80-500	20 - 1000	20 - 1000	20	25	2.5	2.0	8°	4°	0.6	0.3	1.5:1	1.3:1	3W

*CW input power when used as divider with 1.2:1 VSWR_{out}**General Notes:**

1. The PDML-80 series of 8-way In-Line Power Dividers/Combiners, covers 2 to 1000 MHz using a lumped element design for minimum insertion loss.

GENERAL SPECIFICATIONS

Coupling: – 9 dB nom.
 Impedance: 50 Ω nom.
 Internal Load Dissipation: 250 mW, max.
 Weight, nominal: 2.5 oz. (70 g)
 Operating Temperature: – 55° to +85°C

Package Outline

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