



PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, MHz	Freq. Perform., MHz	Isolation, dB		Insertion Loss, dB		Phase Balance		Amplitude Balance		VSWR (In/Output)		†Input Power, Max.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
PDM-40-10	.05 - 20	.05 - 20	30	33	1.0	0.8	2°	1°	0.2	0.1	1.3:1	1.15:1	1 W
PDM-40-100	1 - 200	1 - 100	30	35	1.0	0.5	3°	1°	0.3	0.1	1.3:1	1.15:1	2 W
		100 - 200	20	25	1.2	0.8	5°	2°	0.5	0.2	1.5:1	1.3:1	
PDM-40-250	10 - 500	10 - 500	25	30	1.25	0.8	4°	2°	0.4	0.2	1.5:1	1.3:1	2 W

†CW input power when used as divider with 1.2:1 VSWR_{out}

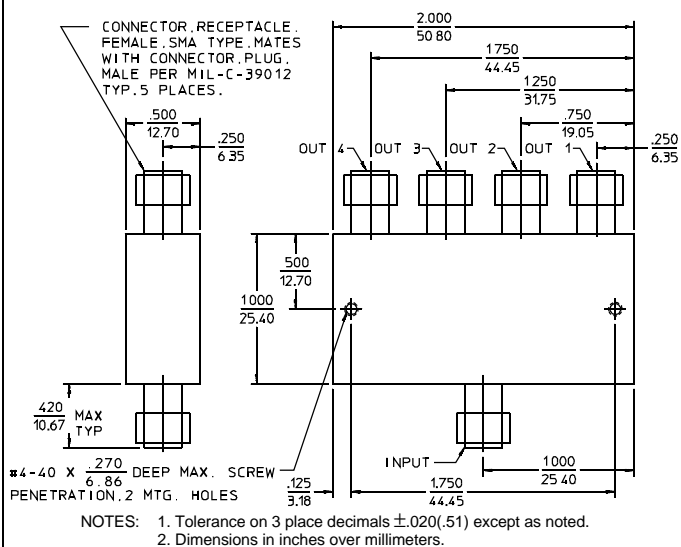
General Notes:

1. The PDM-40 series of 4-way in-phase, side output, power dividers/combiners cover 50 kHz to 500 MHz using a high performance lumped element design to maximize the bandwidth.

GENERAL SPECIFICATIONS

Coupling: - 6 dB nom.
 Impedance: 50 Ω nom.
 Internal Load Dissipation: 250 mW max.
 Weight, nominal: 1 oz (28 g)
 Operating Temperature: - 55° to + 85°C

PDM-40-250



PDM-40-10 & PDM-40-100

24May96

