**PRINCIPAL SPECIFICATIONS**

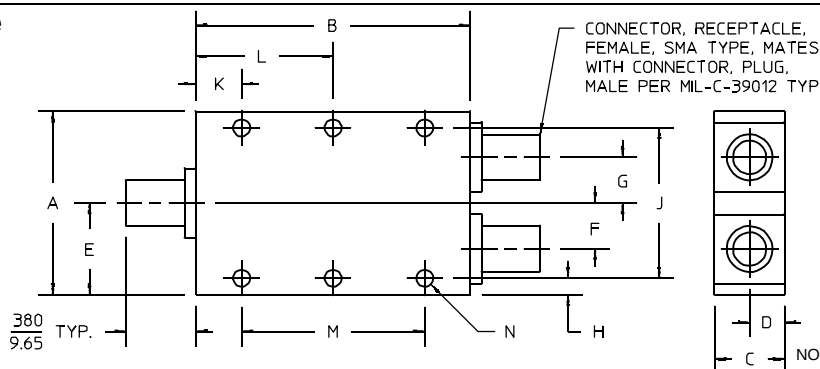
Model Number	Freq. Range, GHz	Isolation, dB, Min.	Insert. Loss, dB, Max.	Phase Bal., Max.	Amplitude Bal., dB, Max.	VSWR Max., @ Input	VSWR Max., @ Output	CW Input, W, @ VSWR _{out} 1.2:1	∞	Outline Drawing Ref.
PDM-25R-8.8G	0.3 - 18.0	17	3.0	10°	0.6	1.60:1	1.50:1	30	1	1
PDM-25R-9.2G	0.5 - 18.0	17	1.7	5°	0.3	1.40:1	1.40:1	30	1	7
PDM-25R-16G	6.0 - 26.5	17	1.7	10°	0.8	1.70:1	1.60:1	30	1	6

General Notes:

1. The PDM-25R series of 2-way In-Phase Power Dividers/Combiners covers 0.3 GHz to 26.5 GHz using a smooth distributed resistive design which provides high isolation and low VSWR across a broad frequency range. Many units are stocked.

GENERAL SPECIFICATIONS

Impedance: 50 Ω nom.
 Operating Temperature: -55° to +85°C
 Weights shown: All are nominal

Package Outline

NOTES: 1. Tolerance on 3 place decimals ±.020(.51) except as noted.
 2. Dimensions in inches over millimeters.

OUTLINE	A	B	C	D	E	F	G	H	J
1	$\frac{2.250}{57.15} \pm .040$ ± 1.02	$\frac{11.500}{292.10} \pm .050$ ± 1.27	$\frac{.500}{12.70} \pm .030$ $\pm .76$	$\frac{.250}{6.35}$ $\frac{.1125}{28.58}$	$\frac{.500}{12.70} \pm .030$ $\pm .76$	$\frac{.500}{12.70} \pm .030$ $\pm .76$	$\frac{.125}{3.18}$ $\frac{.2000}{50.80}$		
6	$\frac{1.060}{26.92}$ $\frac{.26}{6.6}$	$\frac{1.150}{29.21}$ $\frac{.29}{7.4}$	$\frac{.384}{9.75}$ $\frac{.97}{24.8}$	$\frac{.192}{4.88}$ $\frac{.530}{13.46}$	$\frac{.280}{7.11}$ $\frac{.71}{18.0}$	$\frac{.280}{7.11}$ $\frac{.71}{18.0}$	$\frac{.090}{2.29}$ $\frac{.880}{22.35}$		
7	$\frac{1.030}{26.16}$ $\frac{.26}{6.6}$	$\frac{7.750}{196.85}$ $\frac{.19}{4.8}$	$\frac{.500}{12.70}$ $\frac{.25}{6.35}$	$\frac{.250}{6.35}$ $\frac{.515}{13.08}$	$\frac{.260}{6.60}$ $\frac{.66}{16.8}$	$\frac{.260}{6.60}$ $\frac{.66}{16.8}$	$\frac{.150}{3.81}$ $\frac{.730}{18.54}$		

OUTLINE	K	L	M	N	WT. OZ. (G)
1	$\frac{.750}{19.05}$ $\frac{.19}{4.8}$	—	10.000 (254), ON 2.000±.010 (50.80±.25) CENTERS TOL. NON-ACCUMULATIVE	.125/.131 (3.18/3.33) DIA. THRU, 12 HOLES	20 (567)
6	—	$\frac{.575}{14.61}$ $\frac{.14}{3.6}$	—	.103/.108 (2.62/2.74) DIA THRU, 2 HOLES	2.0 (57)
7	$\frac{.1125}{28.58}$ $\frac{.28}{7.1}$	—	5.500 ±.020 (139.70 ±.051)	.134/.154 (3.40/3.91) DIA THRU, 4 HOLES	9.0 (255)

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