

PRINCIPAL SPECIFICATIONS

Standard Model Number	Model for Vapor Phase & IR Insertion	Freq. Range, MHz	Isolation, dB		Insertion Loss, dB		Amplitude Bal., dB		Phase Balance		VSWR In/Out		Input Power Max.*
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
PDG-4E-250	PDG-4E-255	10 - 500	25	30	1.25	0.8	0.2	0.1	4°	2°	1.3:1	1.2:1	1 W
PDG-4E-1300	PDG-4E-1305	20 - 2000	18	23	3.0	2.5	0.6	0.4	8°	4°	1.8:1	1.5:1	1 W
		50 - 1000	20	25	2.0	1.5	0.4	0.2	6°	4°	1.6:1	1.5:1	1W

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

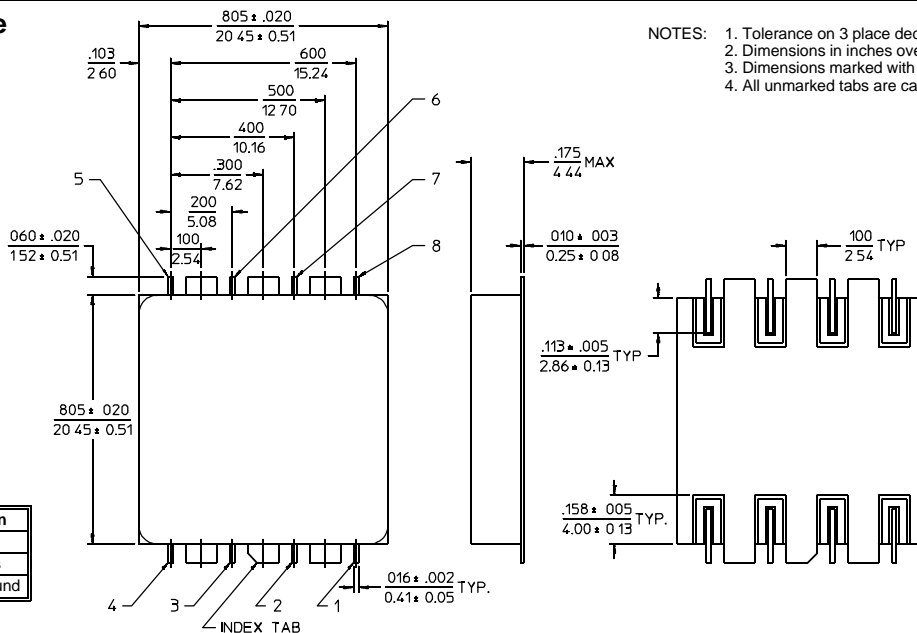
General Notes:

1. The PDG-4E series of 4-way In-Phase Power Dividers/ Combiners covers 10 to 2000 MHz using a binary lumped element design to maximize frequency response. Such designs are suitable where high performance and a low profile surface mount package is essential.

GENERAL SPECIFICATIONS

Coupling: - 6 dB nom.
 Impedance: 50 Ω nom.
 Internal Load Dissipation: 50 mW max.
 Weight, nominal: 0.32 oz. (9 g)
 Operating Temperature: - 55° to +85°C

Package Outline



- NOTES: 1. Tolerance on 3 place decimals ±0.10(.25) except as noted.
 2. Dimensions in inches over millimeters.
 3. Dimensions marked with * apply only at body.
 4. All unmarked tabs are case ground.

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