

PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range, GHz	Isolation, dB, Min.	Insertion Loss, dB, Max.	Phase Balance, Max.	Amplitude Balance, dB, Max.	VSWR In/Out, Max.	CW Input, W, with VSWR _{out}		
							1.20:1	2.0:1	∞
PDM-02S-4G	0.5 to 8.0	19	0.9	4°	0.3	1.30:1	30	10	1
PDM-02S-9G	0.5 to 18.0	18	1.5	8°	0.4	1.35:1	30	10	1

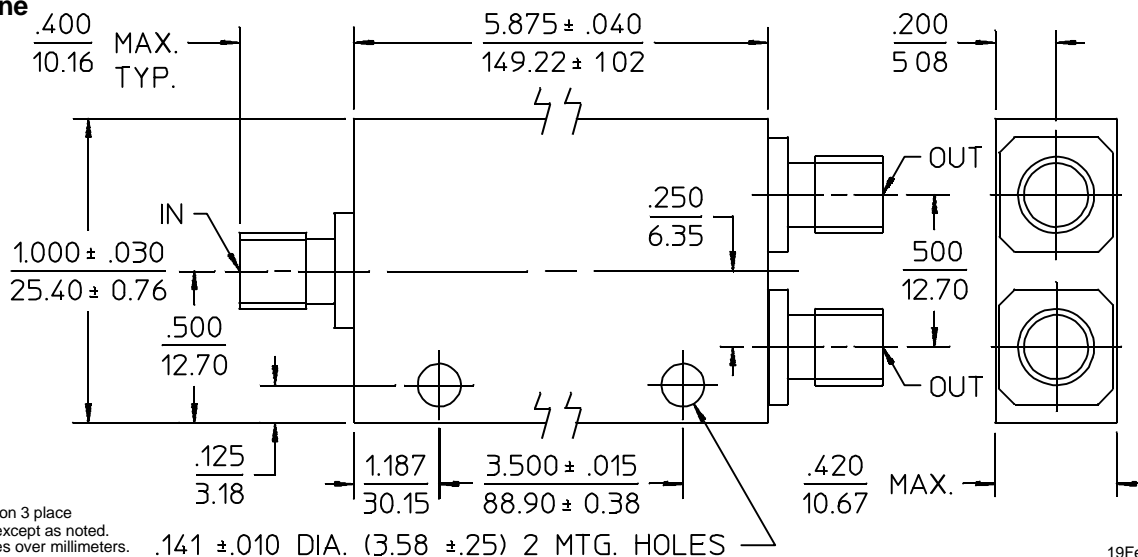
General Notes:

1. The PDM-02S series of two-way power dividers provide precise in-phase division of microwave signals in three multi-octave bands up to 0.5 to 18.0 GHz.
2. These units have been developed to meet broadband ECM requirements with precise amplitude and phase balance combined with high output port isolation.

GENERAL SPECIFICATIONS

Impedance: 50 Ω nom.
 Operating Temperature: -55° to +85°C
 Connectors: SMA Female to meet interface requirements of MIL-C-39012

Package Outline



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

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