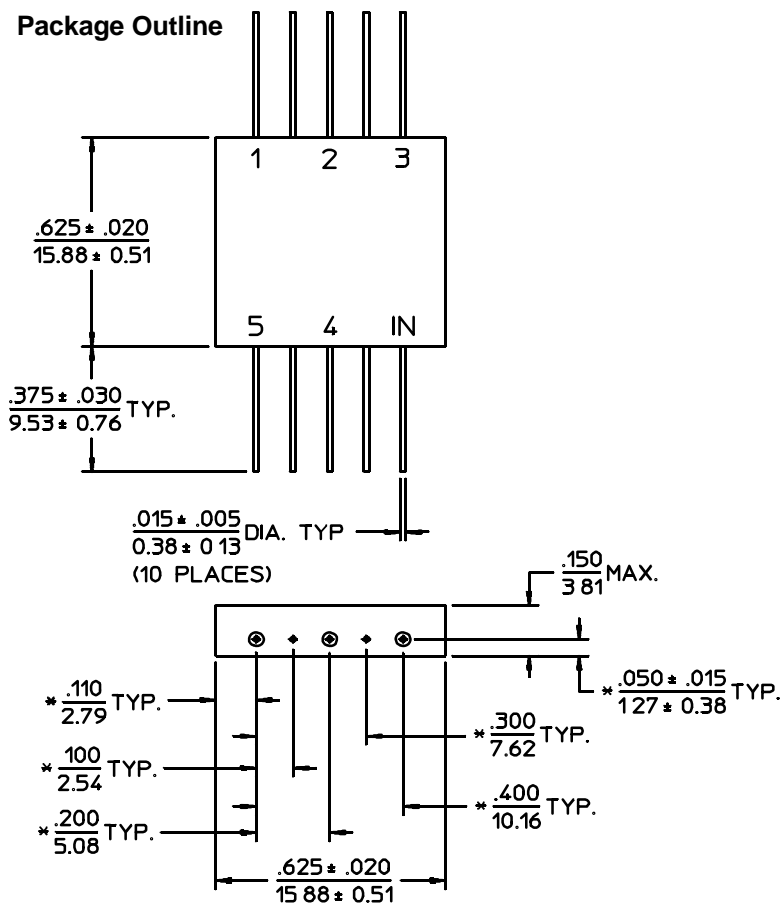


PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range, MHz	Isolation, dB,		Insertion Loss, dB,		Phase Balance,		Amplitude Balance, dB,		VSWR In/Output	
		Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.
PDF-5C-50	10 - 100	25	35	0.8	0.5	3°	1°	0.2	0.1	1.3:1	1.1:1
PDF-5C-400	100 - 700	20	30	1.0	0.7	6°	3°	0.4	0.2	1.5:1	1.2:1
PDF-5C-1000	700 - 1300	18	25	1.2	0.8	8°	5°	0.6	0.3	1.7:1	1.4:1

Package Outline



- NOTES:
1. Tolerance on 3 place decimals ±.010(.25) except as noted.
 2. Dimensions in inches over millimeters.
 3. Dimensions marked with * apply only at body.
 4. All unmarked pins are case ground.

22Feb96

GENERAL SPECIFICATIONS

Coupling: - 7.0 dB nom.
 Impedance: 50 Ω nom.
 CW Input Power: 1 Watt max.
 (When used as divider with 1.2:1 VSWR_{out})
 Load Power Dissipation: 50 mW, Internal
 Weight, nominal: 0.15 oz. (4.3 g)
 Operating Temperature: - 55° to + 85°C

General Notes:

1. The PDF-5C series of five way Power Dividers/ Combiners covers a broad frequency range of 10 to 1300 MHz using a special lumped element design to reduce the size while maintaining high performance.
2. The flatpack housing is suitable for airborne and space applications where package reliability and hermeticity are critical.