

TECHNICAL FEATURE FEATURES

- 1 - 100 MHz
- 2-way
- Broadband
- High Output Isolation
- Low Insertion Loss
- TO-5 Package

PRINCIPAL SPECIFICATIONS

Model Number	Frequency Range MHz	Frequency Performance, Min.	Isolation, dB		Insertion Loss, dB		Phase Balance		Amplitude Balance		VSWR (In/Output)	
			Min.	Max.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.
PDT-20-30	1 - 100	1 - 100	30	32	0.5	0.3	2°	1°	0.2	0.1	1.3:1	1.15:1

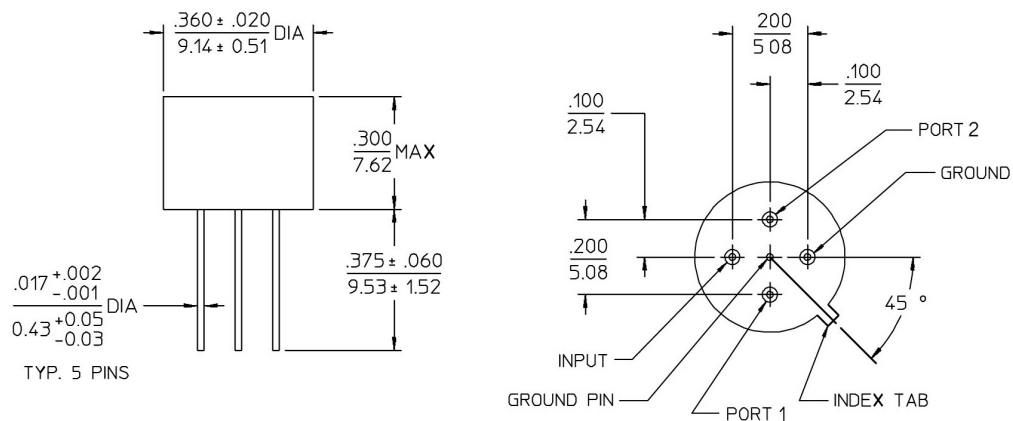
GENERAL NOTES

- The PDT-20-50 2-way Power Divider/Combiner covers a broad frequency range from 1 to 100 MHz using a special lumped element design to reduce the size to a minimum.
- This design is suitable for those applications where high performance and minimum size is essential.

GENERAL SPECIFICATIONS

Coupling.....	-4.8 dB nom.
Impedance	50 Ω Nom.
Internal Power Dissip:	50 mW
Average Power.....	1 Watt max.
Package Type	TO-5
Weight, Nom.....	0.1 oz. (2.8 g)
Operating Temperature.....	-55° to +85° C

PACKAGE OUTLINE



NOTES: 1. Tolerance on 3 place decimals ±.010(.25) except as noted.
2. Dimensions in inches over millimeters.