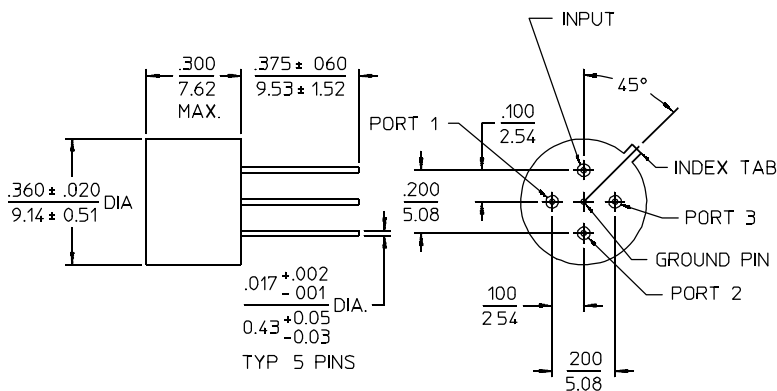


**PRINCIPAL SPECIFICATIONS**

Model Number	Freq. Range, MHz	Frequency Performance, MHz	Isolation, dB,		Insertion Loss, dB,		Phase Balance,		Amplitude Bal., dB,		VSWR (In/Output)		Internal Load Dissip.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
P-112	1 - 200	1 - 100	25	30	1.2	0.7	3°	2°	0.3	0.2	1.3:1	1.2:1	35 mW
		100 - 200	25	30	1.2	0.7	5°	3°	0.5	0.3	1.5:1	1.3:1	
P-152	50 - 400	50 - 300	25	30	1.0	0.6	3°	2°	0.3	0.2	1.3:1	1.2:1	35 mW
		300 - 400	20	25	1.5	1.0	5°	3°	0.5	0.3	1.5:1	1.3:1	

**Package Outline of P-112/P-152**



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

**GENERAL SPECIFICATIONS**

Coupling: - 4.8 dB nom.  
 Impedance: 50 Ω nom.  
 CW Input Power: 1 Watt max.  
 (When used as divider with 1.2:1 VSWR<sub>out</sub>)  
 Weight, nominal: 0.1 oz (2.8 g).  
 Operating Temperature: - 55° to +85°C

**General Notes:**

1. The P-112/P-152 series 3-way Power Divider/Combiners cover a broad frequency range from 1 to 400 MHz using a special lumped element design to reduce the size to an absolute minimum.
2. These units are well suited to applications where high performance is required in a compact package.

16Feb96

