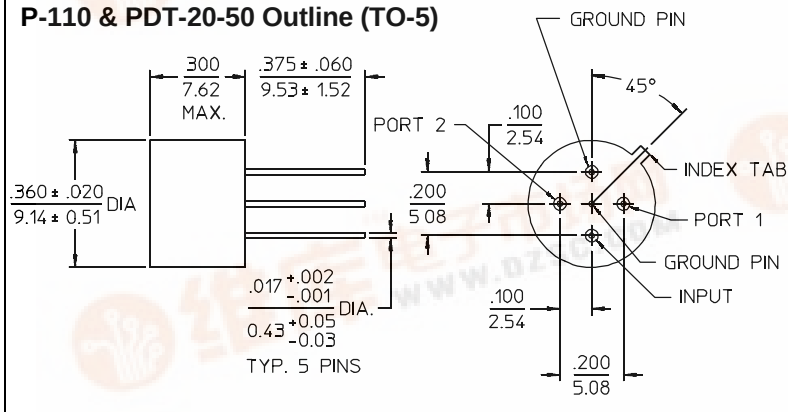


PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, MHz	Frequency Performance, MHz	Isolation, dB, Min. Typ.	Insertion Loss, dB, Max. Typ.	Phase Balance, Max. Typ.	Amplitude Balance, dB, Max. Typ.	VSWR (In/Output) Max. Typ.	Internal Load Rating
PDT-20-50	1 - 100	1 - 100	30 33	0.5 0.25	2° 1°	0.2 0.1	1.3:1 1.10:1	50 mW
P-110	5 - 500	5 - 500	20 25	1.0 0.7	2° 1°	0.2 0.1	1.5:1 1.25:1	50 mW
P-149	5 - 500	20 - 200	25 32	0.6 0.3	2° 1°	0.2 0.1	1.3:1 1.10:1	125 mW
		5 - 500	20 25	1.0 0.7	2° 1°	0.2 0.1	1.5:1 1.25:1	125 mW
		20 - 200	25 32	0.6 0.3	2° 1°	0.2 0.1	1.3:1 1.10:1	

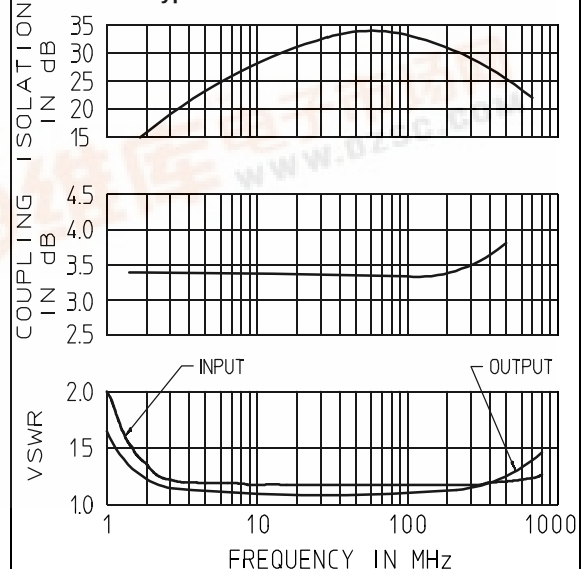
P-110 & PDT-20-50 Outline (TO-5)



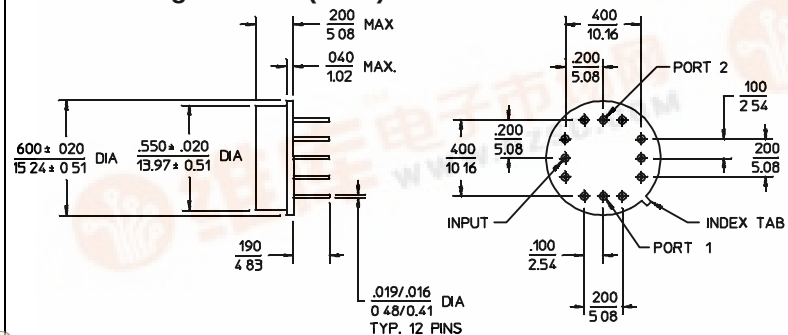
GENERAL SPECIFICATIONS

Impedance: 50 Ω nom.
 CW Input Power: 1 W max.
 (When used as divider with 1.2:1 VSWR_{out})
 Weight, nominal: TO-5: 0.1 oz. (2.8 g)
 TO-8: 0.14 oz. (4 g)
 Operating Temp. Range: -55° to +85°C

Typical P-110 & P-149 Performance



P-149 Package Outline (TO-8)



NOTES: 1. Tolerance on 3 place decimals $\pm 0.10(.25)$ except as noted.
 2. Dimensions in inches over millimeters
 3. All unmarked pins are internally grounded..

16Feb96