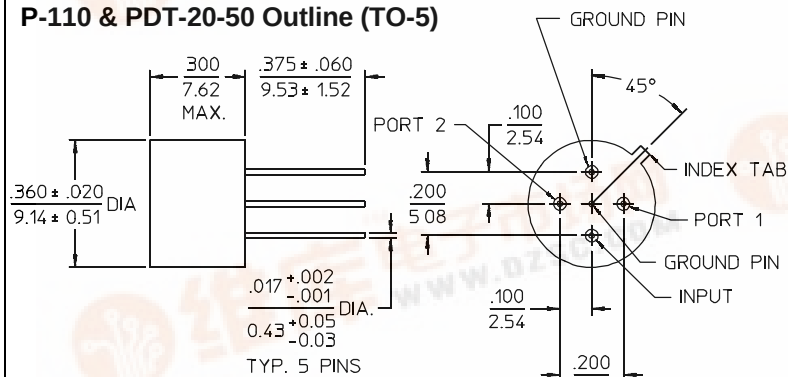


PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, MHz	Frequency Performance, MHz	Isolation, dB,		Insertion Loss, dB,		Phase Balance,		Amplitude Balance, dB,		VSWR (In/Output)		Internal Load Rating
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
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	
		20 - 200	25	32	0.6	0.3	2°	1°	0.2	0.1	1.3:1	1.10:1	

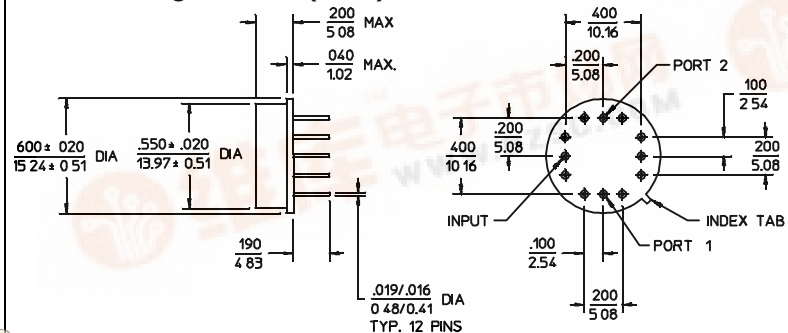
P-110 & PDT-20-50 Outline (TO-5)



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

P-149 Package Outline (TO-8)



NOTES: 1. Tolerance on 3 place decimals $\pm 0.010(.25)$ except as noted.
2. Dimensions in inches over millimeters
3. All unmarked pins are internally grounded..

16Feb96

Typical P-110 & P-149 Performance

