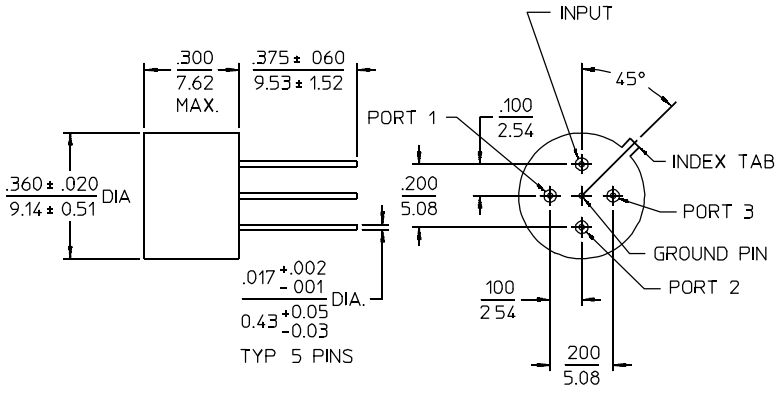
P-112 & P-152 0° POWER DIVIDERS / COMBINERS

1 to 400 MHz / 3-Way / Uniform Phase & Amplitude Bal. / Low Insertion Loss / Broadband / TO-5

PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, MHz	Frequency Performance, MHz	Isolation, dB, Min.	Isolation, dB, Typ.	Insertion Loss, dB, Max.	Insertion Loss, dB, Typ.	Phase Balance, Max.	Phase Balance, Typ.	Amplitude Bal., dB, Max.	Amplitude Bal., dB, Typ.	VSWR (In/Output) Max.	VSWR (In/Output) Typ.	Internal Load Dissip.
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 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.

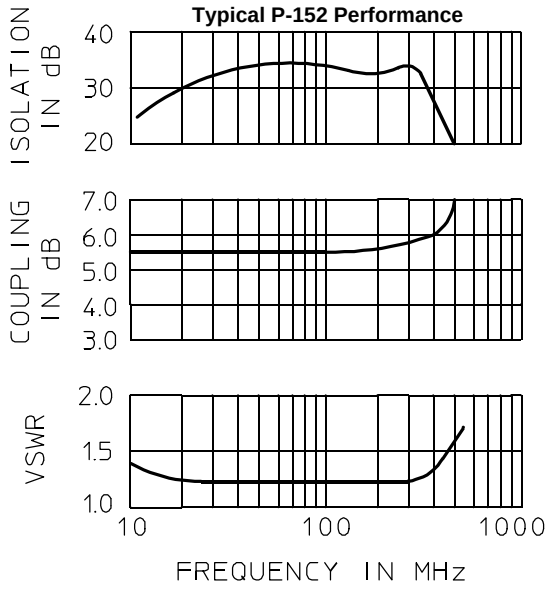
2. These units are well suited to applications where high performance is required in a compact package.

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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 $VSWR_{out}$)
Weight, nominal:	0.1 oz (2.8 g).
Operating Temperature:	-- 55° to +85°C

Typical P-152 Performance



For further information contact ***MERRIMAC / 41 Fairfield Pl., West Caldwell, NJ, 07006 / 973-575-1300 / FAX 973-575-0531***