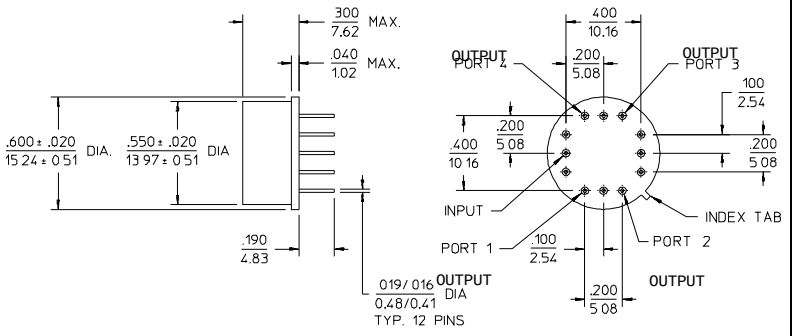
P-153 & P-154 0° POWER DIVIDERS / COMBINERS

1 to 500 MHz / 4-Way / Uniform Phase & Ampli. Bal. / Low Insertion Loss / Broadband / TO-8, Relay

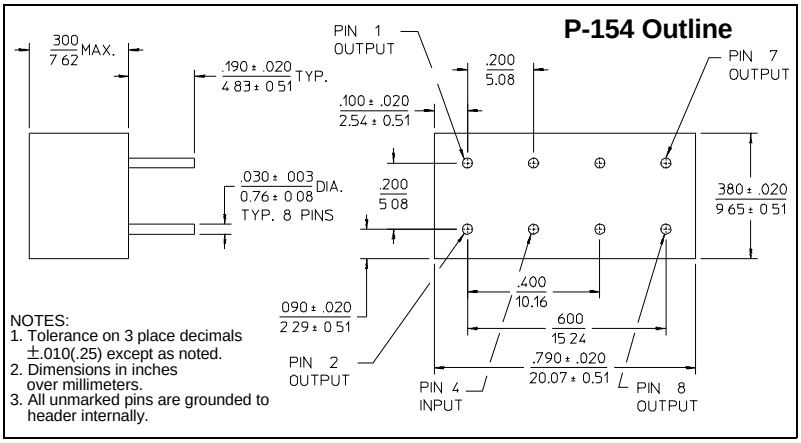
PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, 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 Max. Load Dissipation	Weight Nom. oz. (g)
P-153	5 - 500	20	25	2.2	1.0	5°	3°	0.5	0.3	1.5:1	1.3:1	50 mW	0.14 (4)
P-154	1 - 200	20	25	1.5	1.0	4°	2°	0.4	0.2	1.5:1	1.3:1	125 mW	0.32 (9)

P-153 Outline



P-154 Outline

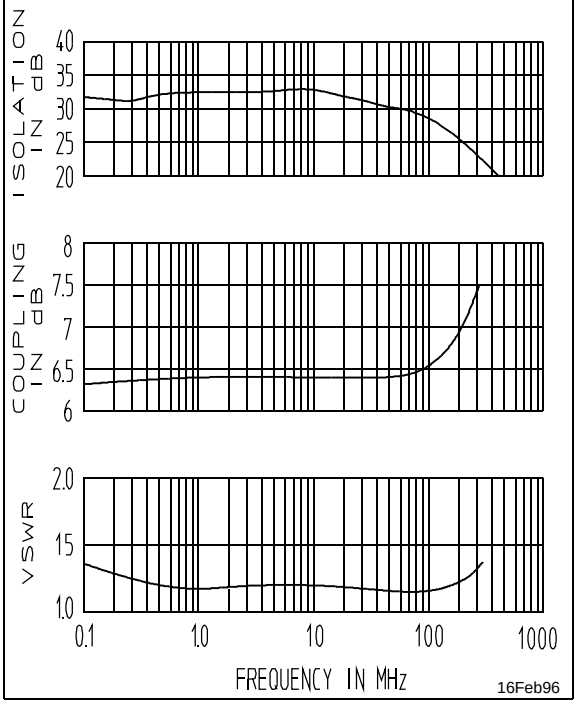


NOTES:
1. Tolerance on 3 place decimals ±.010(.25) except as noted.
2. Dimensions in inches over millimeters.
3. All unmarked pins are grounded to header internally.

GENERAL SPECIFICATIONS

Coupling:	-- 6 dB nom.
Impedance:	50 Ω nom.
CW Input Power:	1 Watt max. (When used as divider with 1.2:1 $VSWR_{out}$)
Operating Temperature:	-- 55° to +85°C

P-154 Performance



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