

PDF-3C SERIES – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

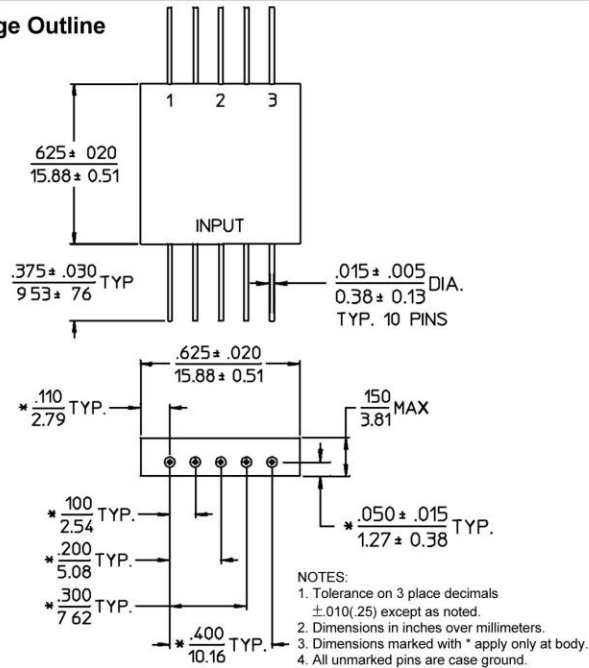
- 1 to 1000 MHz
- 3-way
- Low Insertion Loss
- Broadband
- Low Profile, Hi-Rel Hermetic Package

PRINCIPAL SPECIFICATIONS

Model Number	Freq. Range, MHz	Freq. Perform., MHz	Isolation, dB,		Insertion Loss, dB,		Phase Balance		Amplitude Bal., dB,		VSWR In/Output		Input Power* W, Max.
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	
PDF-3C-50	1 - 100	1 - 100	30	33	0.7	0.4	3°	1°	0.3	0.2	1.3:1	1.2:1	1
PDF-3C-150	1 - 300	2 - 200	28	32	1.0	0.8	3°	2°	0.3	0.15	1.35:1	1.2:1	1
		1 - 300	20	25	1.2	1.0	4°	3°	0.4	0.2	1.6:1	1.3:1	
PDF-3C-525	50 - 1000	50 - 800	20	25	1.5	0.8	8°	3°	0.5	0.3	1.5:1	1.3:1	1
		800 - 1000	20	25	2.25	1.5	10°	5°	0.7	0.5	1.7:1	1.4:1	

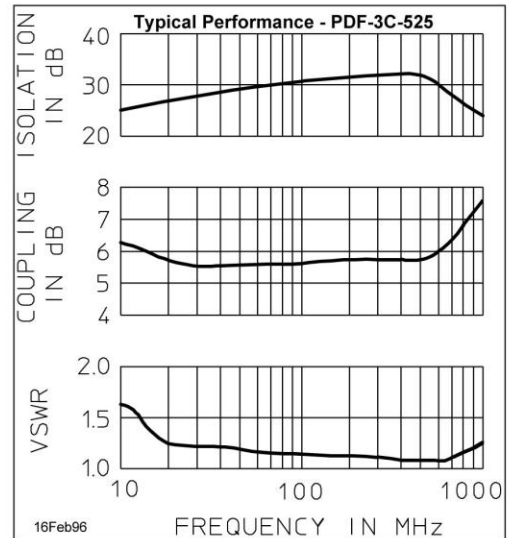
*CW input power when used as divider with 1.2:1 VSWR_{out}

Package Outline



GENERAL SPECIFICATIONS

Coupling: – 4.8 dB nom.
 Impedance: 50 Ω nom.
 Internal Load Dissipation: 50 mW
 Weight, nominal: 0.15 oz. (4.3 g)
 Operating Temp. : – 55° to +85°C



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