PDML-30A SERIES - 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

- 2 to 2000 MHz
- 3-way
- In-Line Hi-Rel Package
- Wide Bandwidth
- Low Insertion Loss
- SMA

PRINCIPAL SPECIFICATIONS													
Model	Frequency Range,	Freq. Perform.,			Insertion Loss, dB,		Phase Balance,				VSWR (In/Output)		Weight, oz.(g)
Number	MHz	MHz	Min.	Тур.	Max.	Тур.	Max.	Тур.	Max.	Тур.	Max.	Тур.	Nom.
PDML-30A-100	2 - 300	2 - 200	28	32	1.0	8.0	3°	2°	0.3	0.15	1.35:1	1.2:1	0.9(25)
		200 - 300	20	25	1.2	1.0	4°	3°	0.4	0.2	1.60:1	1.3:1	
PDML-30A-500	50 - 1000	50 - 800	20	25	1.5	8.0	8°	3°	0.5	0.3	1.5:1	1.3:1	0.9(25)
		800 - 1000	20	25	2.2	1.5	10°	5°	0.7	0.5	1.7:1	1.4:1	
PDML-30A-1100	100 - 2000	100 - 2000	18	20	2.2	1.5	10°	5°	0.7	0.5	1.5:1	1.3:1	0.9(25)

General Notes:

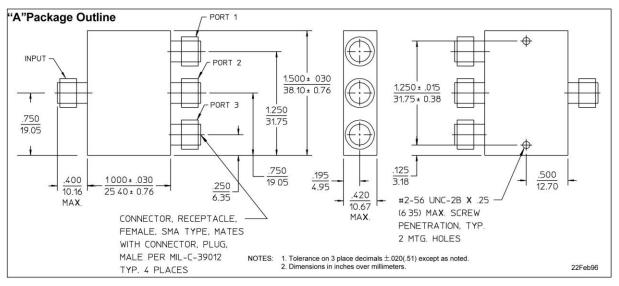
1. The PDML-30 series of In-Line 3-way Power Dividers/ Combiners covers 2 to 2000 MHz using a high performance lumped element design. All units are housed in a convenient, low profile, 0.4 inch (10 mm) SMA package.

GENERAL SPECIFICATIONS

 $\begin{array}{lll} \mbox{Nominal Coupling:} & -4.8 \mbox{ dB} \\ \mbox{Impedance:} & 50 \ \Omega \ \mbox{nom.} \\ \mbox{CW Input Power:} & 1\mbox{W max.} \\ \mbox{(When used as divider with 1.2:1 VSWR_{out})} \end{array}$

Internal Load Dissipation: 50 mW max.

Operating Temperature: -55° to +85°C



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