

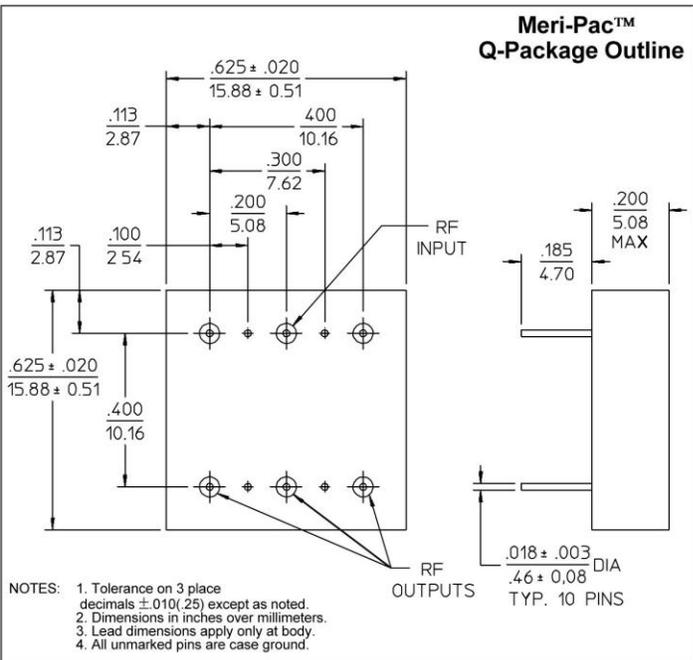
PDP-3Q-525 – 0° POWER DIVIDERS/COMBINERS

TECHNICAL FEATURE

FEATURES

- 50 to 1000 MHz
- 3-way
- Wideband
- Low Insertion Loss
- Meri-Pac
- Auto-Insertion Ready

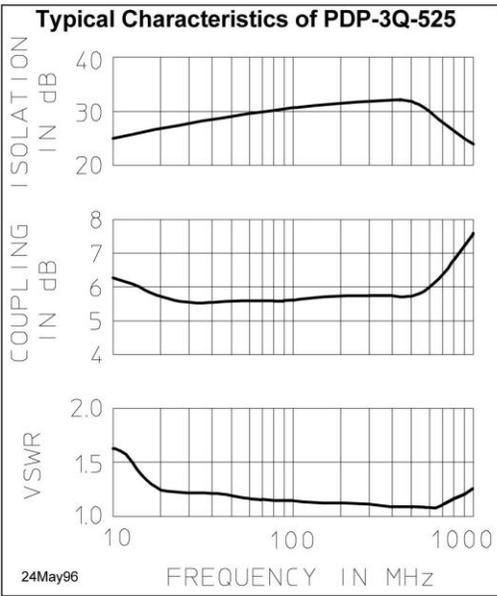
PRINCIPAL SPECIFICATIONS												
Model Number	Frequency Range, MHz	Freq. Perform., MHz	Isolation, dB		Insertion Loss, dB		Phase Balance		Amplitude Balance, dB		VSWR	
			Min.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.	Max.	Typ.
PDP-3Q-525	50 - 1000	50 - 800 800 - 1000	20	25	1.5	0.8	8°	3°	0.5	0.3	1.5:1	1.3:1
			20	25	2.25	1.5	10°	5°	0.7	0.5	1.7:1	1.4:1



GENERAL SPECIFICATIONS	
Nominal Coupling:	- 4.8 dB
Impedance:	50 Ω
CW Input Power:	1W max. <small>(When used as divider with 1.2:1 VSWR_{out})</small>
Internal Load Dissipation:	50 mW max.
Weight, nominal:	0.23 oz. (5.7 g)
Operating Temperature:	-55° to +85°C

General Notes:

1. The PDP-3Q-525 3-way Power Divider/Combiner covers 50 to 1000 MHz and is ideal for applications where high performance and an ultra-miniature package is essential.
2. The Meri-Pac™ housing these Power Divider/Combiners is ideally suited to airborne and space applications where inherent package reliability and hermeticity are critical.



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