

PD4F3000 10 TO 3000 MHz FOUR-WAY IN-PHASE POWER DIVIDER

Typical Values	PD4F3000
Frequency Range	10-3000 MHz
Insertion Loss	1.8 dB
Amplitude Balance	0.15 dB
Phase Balance	1.0 Deg.
VSWR (All Ports)	1.25:1
Isolation	25.0 dB

SPECIFICATIONS*

Parameter	Frequency	Typical	Guaranteed -55 to +100°C
Input VSWR Ratio (Max.)	10-20 MHz	1.25:1	1.4:1
	20-3000 MHz	1.2:1	1.5:1
Output VSWR Ratio (Max.)	10-20 MHz	1.4:1	1.7:1
	20-3000 MHz	1.25:1	1.5:1
Insertion Loss (Max.)	10-3000 MHz	1.8 dB	2.8 dB
Amplitude Balance (Max.)	10-3000 MHz	±0.15 dB	±0.5 dB
Phase Balance (Max.)	10-3000 MHz	±1.0 Deg.	±5.0 Deg.
Isolation (Min.)	10-3000 MHz	25.0 dB	17.0 dB

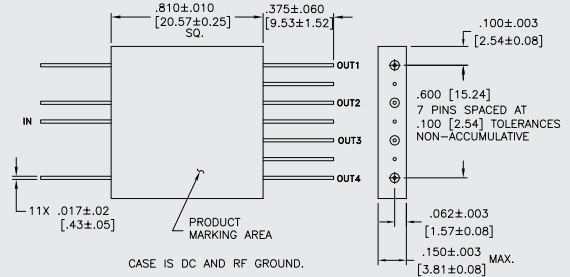
* Measured in a 50-ohm system.

ABSOLUTE MAXIMUM RATINGS

Storage Temperature	-65 to +125 °C
Operating Temperature	-54 to +100 °C
Maximum Input Power	1 Watt
Internal Load Dissipation	100 mW

PD4F3000

Flatpack Package for Power Divider



DIMENSIONS ARE IN INCHES [MILLIMETERS]

TYPICAL PERFORMANCE

KEY: +25°C —
 +100°C - - -
 -55°C - · - ·

