



Pascall's Quality System
Is Registered Under
BS EN ISO 9001



PM 13274
BS EN ISO 9001

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Pascall

WIRELESS COMMS

MDLD 1-500

www.pascall.co.uk

MICROWAVE (1GHz) DISCRIMINATOR



Ordering Information

MDLD 1-500-XXX

- Temperature
 - 1 = 0 to +60°C
 - 2 = -45 to +85°C
 - 3 = -55 to +100°C
 - 4 = Customer specified
- Supply voltage
 - 1 = ±12V
 - 2 = ±15V
- Connectors
 - A = SMA
 - B = SMB
 - C = SMC

MDLD 1-500 discriminator

Frequency range	750-1250MHz
Video o/p slope	10mV/MHz
Linearity (max)	±5%
Frequency accuracy (max) (over temp)	10%
Video o/p (DC coupled into 93 ohms)	±2.5V
Offset adjustment (min)	±100mV
Rated input level	0dBm
Input power (max)	+20dBm
Pulse rise time	<6ns
VSWR	<2:1
Supply voltage	±12 or ±15 VDC
Power consumption	+ve 50mA -ve 190mA
Temp. range <input type="checkbox"/> operating	-45° to +85°C
<input type="checkbox"/> - survival	-60° to + 125°C
Weight (max)	85g
Finish	Bright tin

Outline Dimensions

DIMENSIONS in mm. FINISH Bright tin, generally in accordance with MIL-T-10727 Type 1 Bright.

