

LG30 / SMLG30



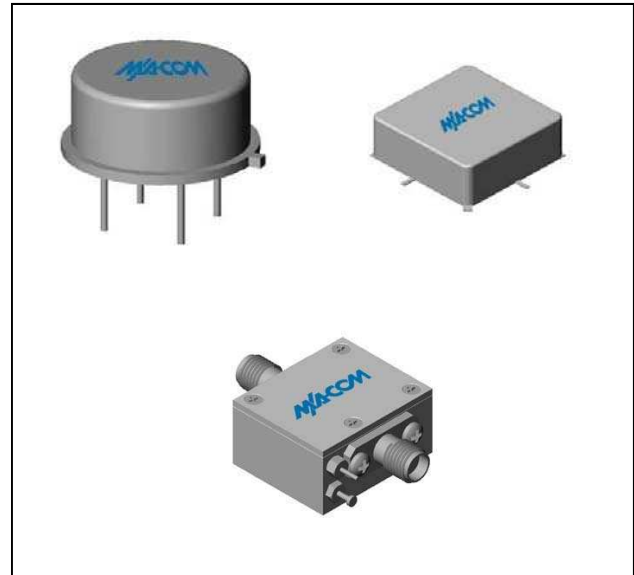
TO-8 Thin-Film Linearizer For The G30

Rev. V2

Features

- AVAILABLE IN SURFACE MOUNT
- WIDE TEMPERATURE OPERATION
- YIELDS LINEAR ATTENUATION (dB) FOR LINEAR CONTROL VOLTAGE

Product Image



Ordering Information

Part Number	Package
LG30	TO-8
MAHY-008743-SMLG30	Surface Mount
MAHY-008743-OCLG30	SMA Connectorized **

** The connectorized version is not RoHs compliant.

Linearity Specifications: Frequency: 100 - 2000 MHz, attenuation range: 3 to 25 dB

Temperature	Units	Typical	Guaranteed Max.
25°C	dB	±1.0	±1.5
-54°C to +85°C	dB	< ±1.5	±2.0

Typical Current Drain

	Units	Control Voltage= 0 V (Min. Attenuation)	Control Voltage= 15 V (Max. Attenuation)
V-	mA	3	15
V+	mA	5	14
V _{CON}	mA	6	12
Combination of LG30 Plus G30			
V-	mA	3	15
V+	mA	12	21
V _{CON}	mA	6	12

ADVANCED: Data Sheets contain information regarding a product M/A-COM Technology Solutions is considering for development. Performance is based on target specifications, simulated results, and/or prototype measurements. Commitment to develop is not guaranteed.

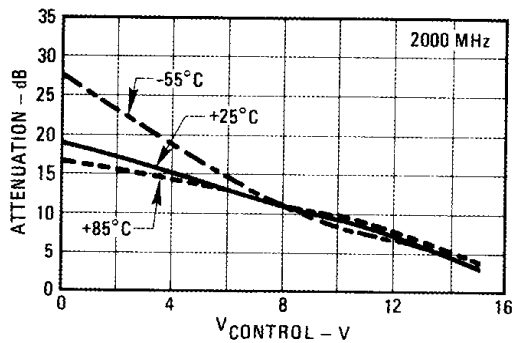
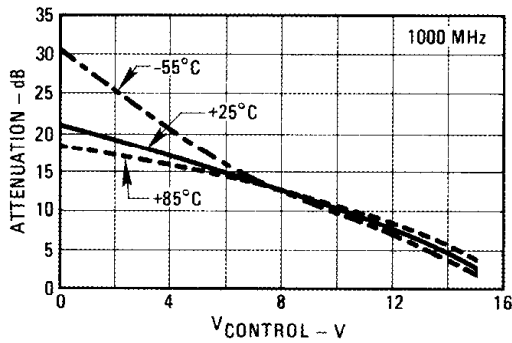
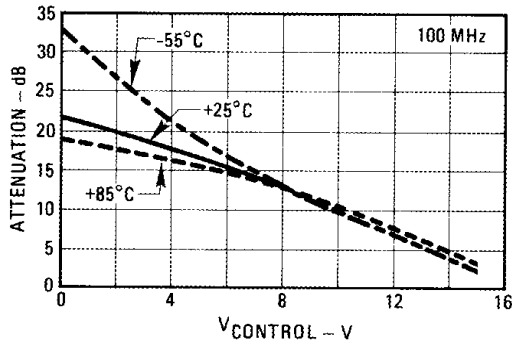
PRELIMINARY: Data Sheets contain information regarding a product M/A-COM Technology Solutions has under development. Performance is based on engineering tests. Specifications are typical. Mechanical outline has been fixed. Engineering samples and/or test data may be available. Commitment to produce in volume is not guaranteed.

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Typical Performance Curves

Attenuation vs. $V_{Control}$



V_{Out} vs. $V_{Control}$

