



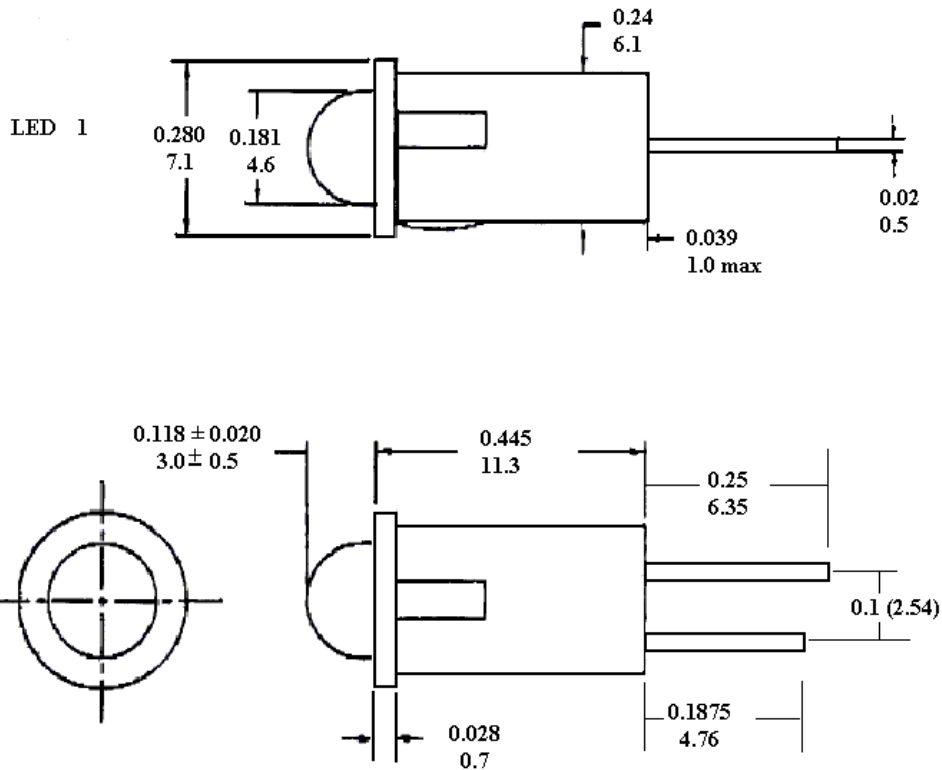
American Opto Plus LED

L503GD-H504C25A18

5MM Green LED with H504 Holder With Lead-Trim

MAIN FEATURES
5mm DIA FLANGLSS LED LAMP
Lead-Trim Cathode:0.1875"Anode:0.25"
I.C. COMPATIBLE
LOW POWER CONSUMPTION

PACKAGE DIMENSIONS



SELECTION GUIDE AND APPLICATION INFORMATION (RATINGS AT 25 AMBIENT)

Part No.	Chip		Lens Color	Wave Length	Absolute Maximun Ratings				Electro-Optical Characteristics					View Angle	
	Raw	Emitte d			Δλ	Pd	If	If (Peak)	Vf(V)			If (Rec)	Iv (mcd)		
	Material	Color							Min.	Typ.	Max.		Min.		Typ.
L-503GD-H504C25A18	GaP	Green	Green Diffused	565	30	100	30	160	1.7	2.1	2.8	10~20	3.0	15	60

ABSOLUTE MAXIMUN RATING: (Ta=25)

Reverse Voltage	: 5 Volt
Reverse Current(Vr = 5V)	: 10A
Operating Temperature Range	: -40 to +80
Storage Temperature Range	: -40 to +100
Lead Soldering Temperature	: 260 for 5 Seconds
(1.6mm(1/16inch) from body)	

ELECTRO-OPTICAL CHARACTERISTICS: (Ta=25)

Para meter Description	Symbol	Unit
Spectral Line half-Width		nm
Power Dissipation	Pd	mW
Peak Forward Current (Duty 1/10,@KHz)	If(Peak)	mA
Recommended Operation Current	If(Rec)	mA
Average Luminous intensity (If = 20mA)	Iv	mcd