

ELECTRO-OPTICAL CHARACTERISTICS @ Ta = 25°C

Model No.	Fig.	Color	Tint	Peak Wavelength λpk (nm)	Chip Material	Luminous Intensity Iv (mcd)		Viewing Angle 2θ 1/2 (deg)	Forward Voltage Vf@If=20mA		Reverse Break-down Voltage@ (IR=100µA)
						Typical	@		Typical	@	
125-BR	1	RED	D	635	GaAsP/GaP	14	20mA	60	1.9/2.4	10mA	5VDC
125-BA	1	AMB	D	583	GaAsP/GaP	14	20mA	60	2.0/2.4	10mA	5VDC
125-BG	1	GRN	D	565	GaP	14	20mA	60	2.1/2.7	10mA	5VDC
125-BCR	1	RED	D	635	GaAsP/GaP	60	20mA	45	1.9/2.4	10mA	5VDC
125-BCA	1	AMB	D	583	GaAsP/GaP	30	20mA	45	2.0/2.4	10mA	5VDC
125-BCG	1	GRN	D	565	GaP	44	20mA	45	2.1/2.7	10mA	5VDC
125-RLP	1	RED	T	635	GaAsP/GaP	2.1	2mA	50	1.8/2.0	2mA	5VDC[2]
125-ALP	1	AMB	T	583	GaAsP/GaP	1.6	2mA	50	1.9/2.5	2mA	5VDC[2]
125-GLP	1	GRN	T	565	GaP	2.1	2mA	50	1.8/2.2	2mA	5VDC[2]
125-DRG	2	RED/GRN	D	635/567	GaAsP/GaP	4.3/3.7	10mA	118	2.1/2.1	20mA	5VDC
125-RG	3	RED/GRN	D	630/565	GaAsP/GaP/GaP	5.0/5.0	20mA	72	2.0 or 2.1/2.6	20mA	5VDC
125-BR5V	1	RED	D	635	GaAsP/GaP	8.0	5VDC	60	5.0/7.5	10mA	5VDC
125-BA5V	1	AMB	D	583	GaAsP/GaP	8.0	5VDC	60	5.0/7.5	10mA	5VDC
125-BG5V	1	GRN	D	565	GaP	8.0	5VDC	60	5.0/7.5	10mA	5VDC
125-BR12V	1	RED	D	635	GaAsP/GaP	8.0	12VDC	60	12.0/15.0	13mA	5VDC
125-BA12V	1	AMB	D	583	GaAsP/GaP	8.0	12VDC	60	12.0/15.0	13mA	5VDC
125-BG12V	1	GRN	D	565	GaP	8.0	12VDC	60	12.0/15.0	13mA	5VDC
125-NWR	4	RED	WC	634	IGaAs	2180	20mA	45	2.3/2.8	20mA	5VDC
125-NWA	4	AMB	WC	592	AllnGaP	2180	20mA	45	2.3/2.8	20mA	5VDC
125-NWG	5	GRN	WC	520	InGaN	2000	20mA	45	3.5/4.0	20mA	5VDC[2]
125-NWB	5	BLUE	WC	465	InGaN	600	20mA	45	3.6/4.0	20mA	5VDC[2]
125-NWW	6	WHT	WC		GaN	1100	20mA	55	3.4/4.0	20mA	5VDC

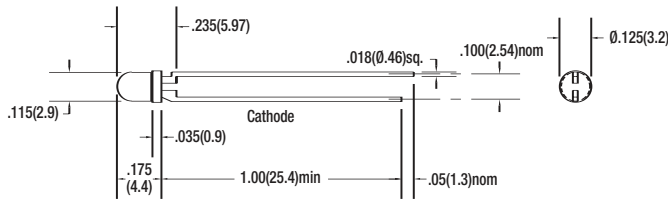


Figure 1

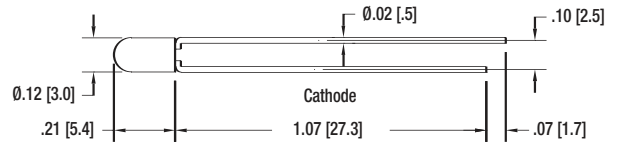


Figure 2

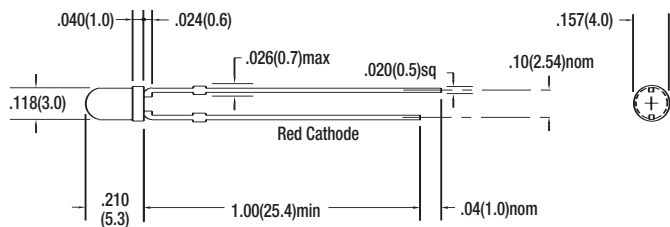


Figure 3

[1] @ TA = 50°C  
 [2] @ (IR=50µA)  
 [3] D=Diffused, T=Tinted, WC=Water Clear.