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20793 E. VALLEY BLVD. #C

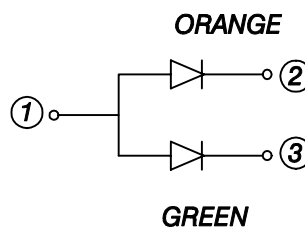
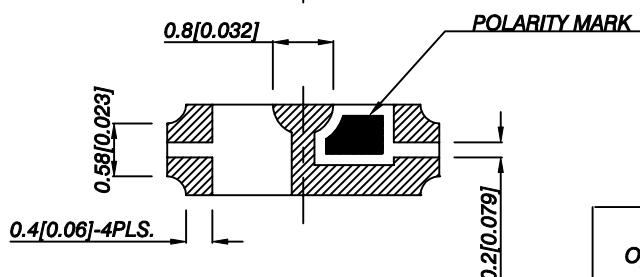
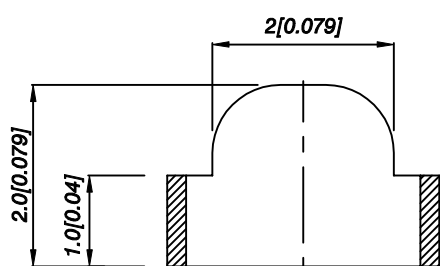
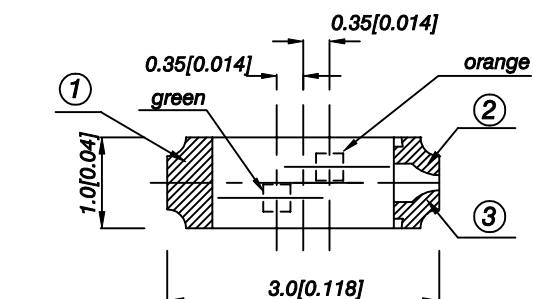
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ZMOSG56W

3.0X1.0mm(1104) RIGHT ANGLE BI-COLOR SMD CHIP LED



NOTES :

1. All dimensions are in millimeters (inches)
2. Tolerance is $\pm 0.2\text{mm}$ (0.0079") unless otherwise noted.

Absolute maximum ratings ($T_A=25^\circ\text{C}$)		orange (InGaAlP)	green (InGaAlP)	Unit
Reverse voltage	V_R	5	5	V
Forward current	I_F	30	25	mA
Forward current (peak) 1/10 Duty cycle 0.1 ms Pulse Width	I_{FS}	150	200	mA
Power dissipation	P_T	75	105	mW
Operating temperature	T_A	-40 ~ +85		$^\circ\text{C}$
Storage temperature	T_{stg}			

Operating characteristics ($T_A=25^\circ\text{C}$)	orange (InGaAlP)	green (InGaAlP)	Unit
Forward voltage (typ.) V_F ($I_F=20\text{mA}$)	1.95	2.25	V
Forward voltage (max.) V_F ($I_F=20\text{mA}$)	2.5	2.5	V
Reverse current I_R ($V_R=5\text{V}$)	10	10	μA
Wavelength at peak emission λ_p ($I_F=20\text{mA}$)	610	565	nm
Spectral line half-width $\Delta\lambda$ ($I_F=20\text{mA}$)	15	25	nm
Capacitance C_O ($V_F=0, f=1\text{MHz}$)	40	20	pF

Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity ($I_F=20\text{mA}$) mcd		Wavelength (nm)	Viewing Angle 2 ° 1/2
				min.	typ.		
ZMYMO56W	orange	InGaAlP	water clear	100	300	610	140 °
	green	InGaAlP		40	60	565	