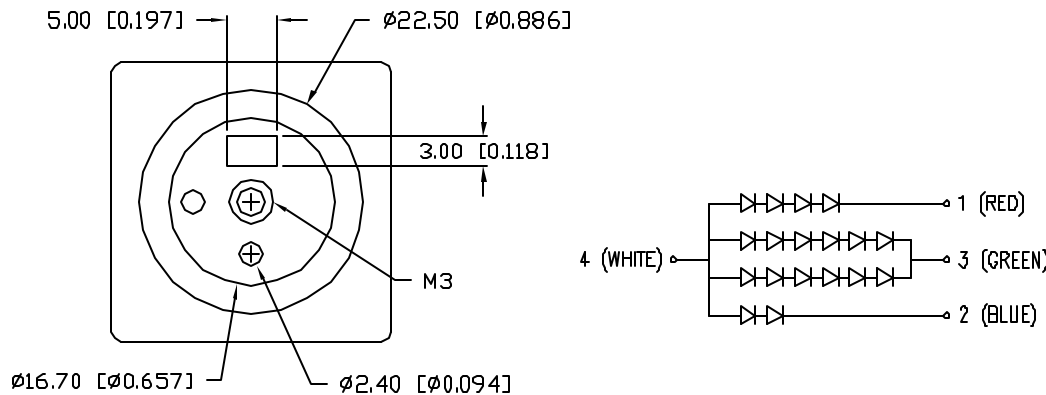


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=60\text{mA}$

PARAMETER	(COLORS)	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			660 (RED)		nm	
			565 (GREEN)		nm	
			430 (BLUE)		nm	
FORWARD VOLTAGE (R)			7.4	10	V_f	$I_f=20\text{mA}$
	(G)		13.2	15	V_f	$I_f=40\text{mA}$
	(B)		9	11	V_f	$I_f=20\text{mA}$
REVERSE VOLTAGE (R/G/B)				12	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (R/G/B)				2400/1800/100mcd		$I_f=60\text{mA}$
VIEWING ANGLE				0	2x theta	

EPOXY LENS FINISH: WATER CLEAR




LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G/B)	150/150/100	mA
STEADY CURRENT	(R/G/B)	30/25/30	mA
POWER DISSIPATION	(R/G/B)	400/600/900	mW
DERATE FROM 25°C		-1.6	$\text{mW}/^{\circ}\text{C}$
OPERATING, STORAGE TEMP.		-30 TO +60	$^{\circ}\text{C}$

* $t < 10\mu\text{s}$

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN = ^{+0.00} -0.00 DECIMAL PRECISION MAX. = ^{+0.00} -0.00 DECIMAL PRECISION

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1" SQUARE, 18 LAMP POLYLED, 4 PIN CONNECTOR, FULL COLOR, WATER CLEAR LENS.		RELIABILITY NOTE OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.		DRAWN: BC	CHECKED:
				DATE: 8.8.01	PAGE: 1 OF 1