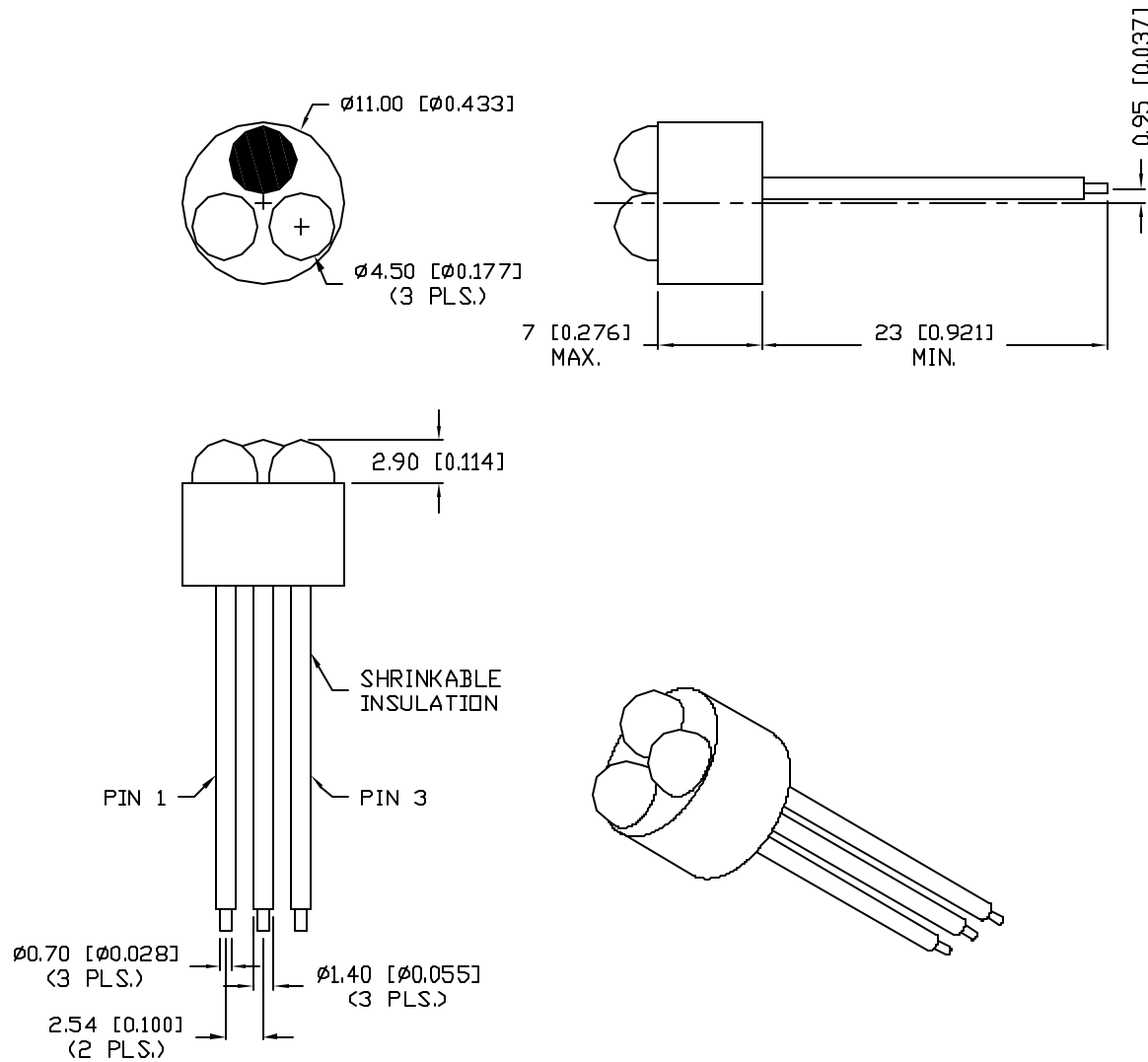


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ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20/40\text{mA}$

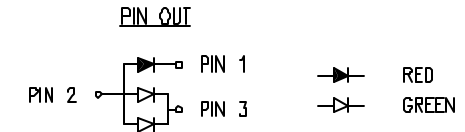
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660 (R)		nm	
		565 (G)		nm	
FORWARD VOLTAGE* (R/G)		1.8/2.2	2.3/2.6	V_f	
REVERSE VOLTAGE (R/G)	4.0/5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY** (R/G)		2000/300		mcd	$I_f=20/40\text{mA}$
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	SUPER RED/SUPER GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

* VOLTAGE FOR PIN 1/VOLTAGE FOR PIN 3
** INTENSITY PER DIE. TEST CONDITION: CURRENT FOR PIN 1/PIN 3

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-30 TO +70	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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



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*TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), X,X= ± 0.5 (± 0.020), X,X,X= ± 0.25 (± 0.010). LEAD LENGTH= ± 0.75 (± 0.030), MIN. $\frac{+0.00}{-0.00}$ MAX. $\frac{+0.00}{-0.00}$

REV.

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CONFIDENTIAL INFORMATION

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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.



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0.43" CIRCULAR, 3 LED CLUSTER, COMMON ANODE,
660nm RED/565nm GREEN LEDS, WATER CLEAR LENS.

DRAWN: BC CHECKED: APPROVED: DATE: 1.17.00
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