

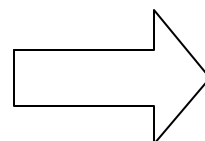
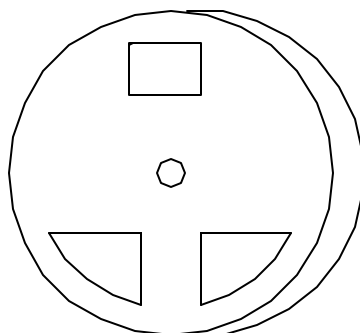
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PART NUMBER

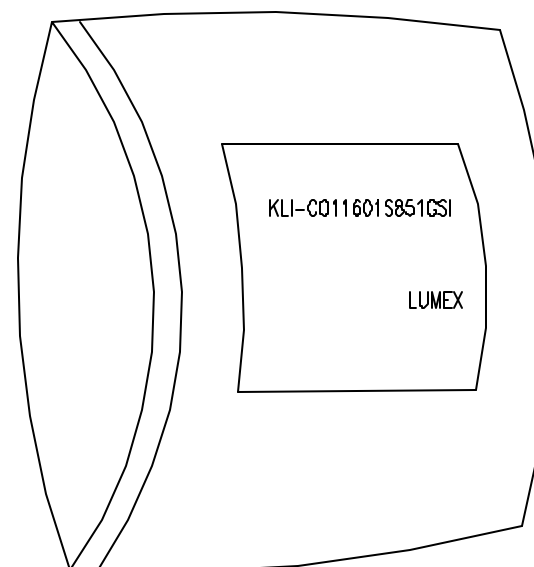
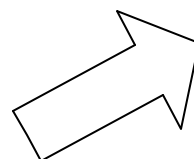
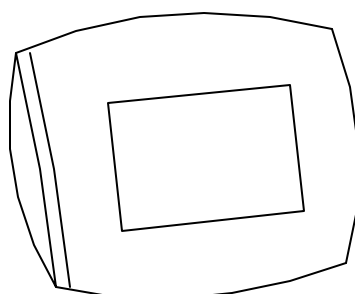
KLI-CO11601S85IGSI

REV.

1. SML-LXR851SGSIC-TR 2K REEL



2. LPI-CO11601S-6C, LIGHTPIPE



NOTES:

1. LED# SML-LXR851SGSK-TR, 2K PCS/REEL
2. LIGHTPIPE # LPI-CO11601S-6C 2K PCS/BAG

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REV.

PART NUMBER

KLI-CO11601S85IGSI

CUSTOM LIGHTPIPE & SMT LED KIT.

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RELIABILITY NOTE

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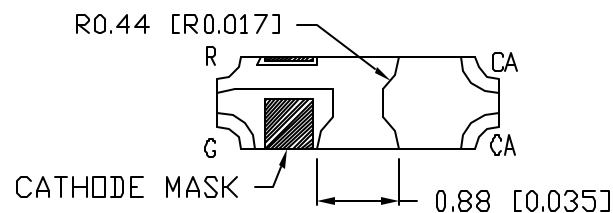
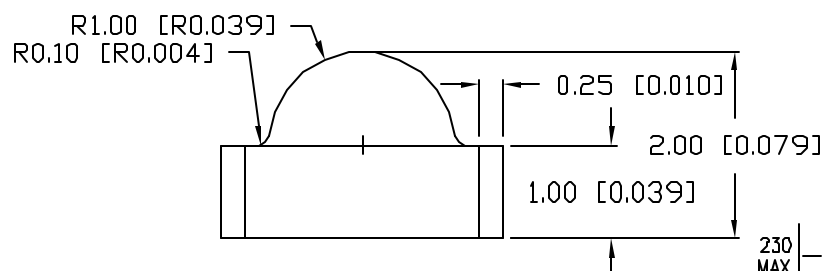
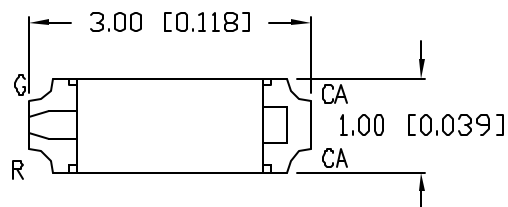
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APPROVED BY:

DATE: 6.7.06

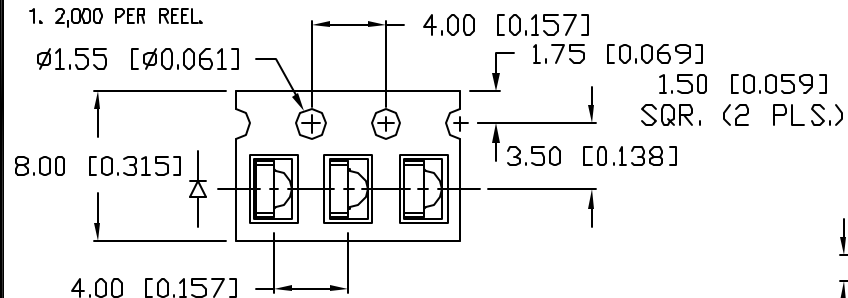
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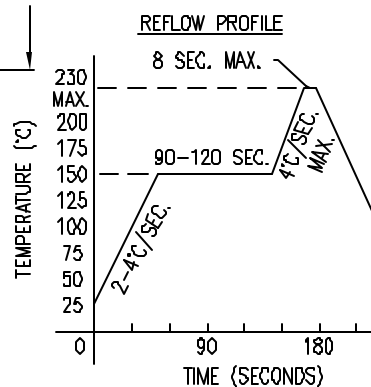
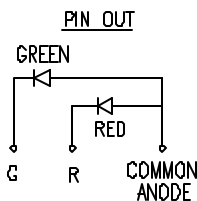
NOTES:

1. 2,000 PER REEL

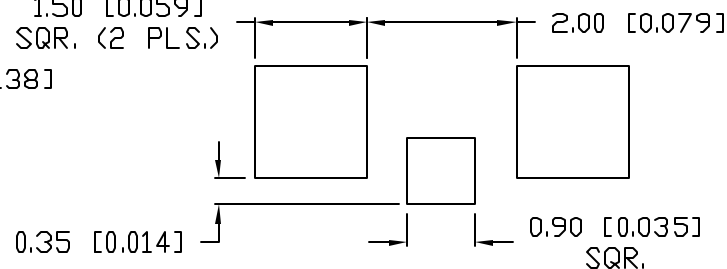


TAPE FEED DIRECTION

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RECOMMENDED SOLDER PAD LAYOUT

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDSELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		636 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.2/2.0	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (G/R)		20/50		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:		GREEN/RED			
EPOXY LENS FINISH:		WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		160	mA
STEADY CURRENT	(G/R)	25/30	mA
POWER DISSIPATION	(G/R)	100/60	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING TEMP.		-40 TO +85	°C
STORAGE TEMP.		-40 TO +90	°C

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

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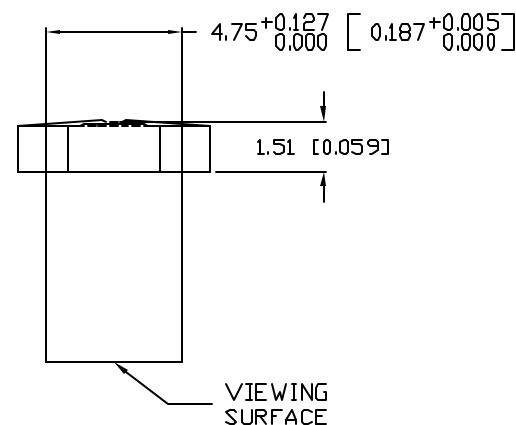
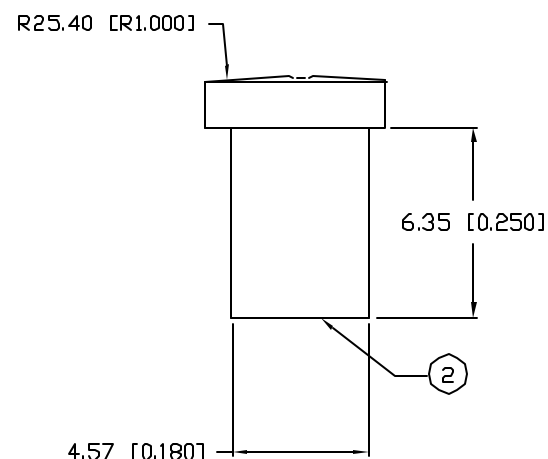
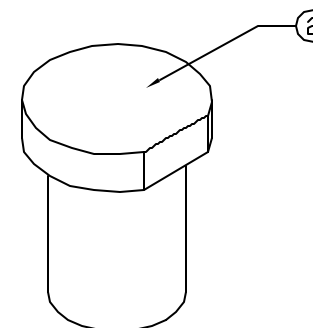
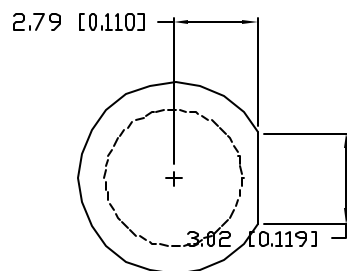
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PART NUMBER

KLI-CO11601S85IGSI

REV.



NOTES:

1. PART TO BE FREE OF BUBBLES AND BLACK SPECKS.
2. SURFACE TO HAVE #24 CHARMILLE FINISH.
3. LIGHTPIPE TO BE MODELED IN A CLEAR 94-V0 POLYCARBONATE.

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REV.

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CUSTOM LIGHTPIPE & SMT LED KIT.

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