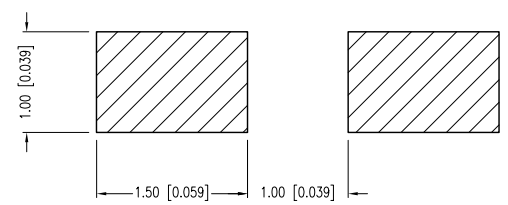


RECOMMENDED SOLDER PAD LAYOUT




PART NUMBER	CCL-LX45YT	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
11.20.95	ADDED TAPE AND REEL SPEC.	A	
12.18.95	E.C.N. #10105.	B	
04.08.96	E.C.N. #10143.	C	
05.30.96	E.C.N. #10176.	D	
11.09.98	E.C.N. #10BRDR. & REDRAWN.	E	
04.28.99	E.C.N. #10511./ADDED SOLDER CHART.	F	
06.17.99	E.C.N. #10524./CHANGED HEIGHT.	G	
12.04.06	E.C.N. #11148.	H	
04.12.11	E.C.N. #10BRDR. & REDRAWN.	I	

ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=20mA				
PARAMETER	MIN	TYP.	MAX	UNITS
PEAK WAVELENGTH		585		nm
FORWARD VOLTAGE		2.3	2.5	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY		7.0		mcd
VIEWING ANGLE		180		2x theta
EMITTED COLOR:	YELLOW			
EPOXY LENS FINISH:	YELLOW TRANSPARENT			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	800	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	130	mW
DERATE FROM 25°C	-2.4	mW/°C
OPERATING TEMP.	-30 TO +80	°C
STORAGE TEMP.	-40 TO +120	°C

* t<10µs

*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.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION UNCONTROLLED DOCUMENT



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CERAMIC CHIP, SURFACE, MOUNT LED, YELLOW TRANSPARENT, TAPE AND REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE: 04.12.11	DRAWN BY: AB
PAGE: 1 OF 2	CHKD BY: SS
SCALE: NTS	APRVD BY: JD
UNIT: mm [INCH]	Ⓟ

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