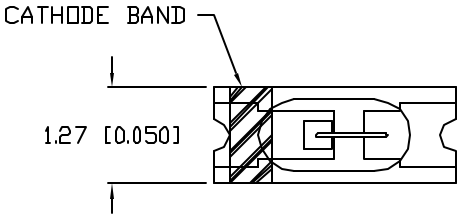
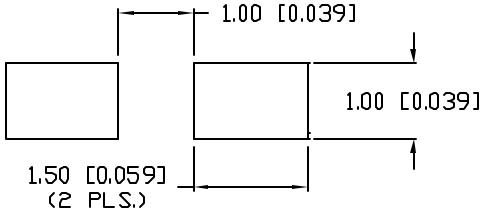
UNCONTROLLED DOCUMENT

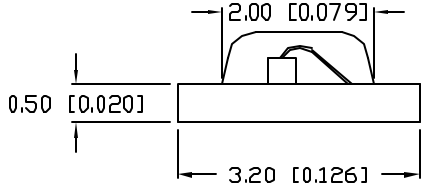
PART NUMBER	REV.
CCL-LX45GT	G

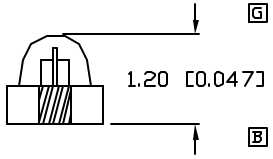
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	ADDED TAPE AND REEL SPEC./	11-20-95
B	E.C.N. #10105./	12-18-95
C	E.C.N. #10143./	4-8-96
D	E.C.N. #10176./	5-30-96
E	E.C.N. #10BRDR. & REDRAWN.	11-9-98
F	E.C.N. #10511./ ADDED SOLDER CHART.	4-28-99
G	E.C.N. #10524./ CHANGED HEIGHT.	6-17-99

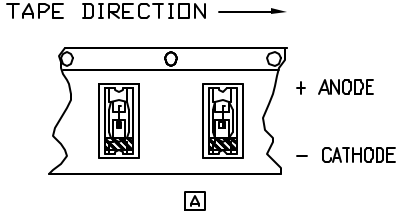


SOLDER PAD LAYOUT

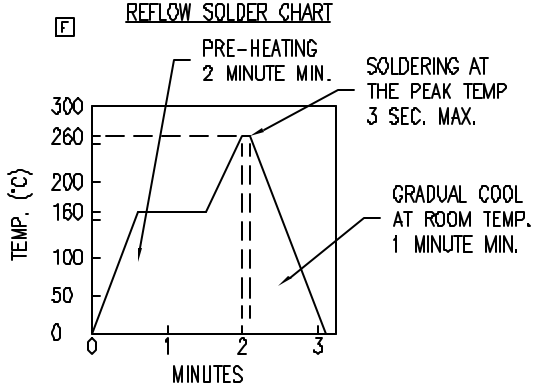








REFLOW SOLDER CHART



ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	I_r=100µA
AXIAL INTENSITY		7.0		mcd	I_f=20mA
VIEWING ANGLE		180		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN 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	-2.7	mW/°C
OPERATING TEMP.	-30 TO +80	°C
STORAGE TEMP.	-40 TO +120	°C

* t<10µS

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±0.25mm (±0.010")

REV.	PART NUMBER
G	CCL-LX45GT

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

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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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			SCALE: N/A