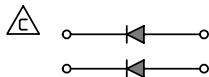


POLARITY —
MARK ON
CATHODE SIDE
(ON SUBSTRATE).

CHIP# 1

CHIP# 2

4X .040
(1.00)



DO NOT SCALE

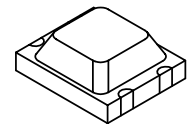
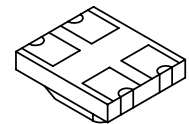
SPECIFICATIONS		CMO11	CMO11	CMO11	CMO11	CMO11	CMO11	CMO11		
EMITTED COLOR		CHIP #1	H.E.R	Y	A	H.E.G		H.E.R	A	U.P
		CHIP #2						H.E.G	H.E.G	H.E.G
LENS COLOR			C							
DIFFUSED-NONDIFFUSED			NON-DIFFUSED							

ELECTRO-OPTICAL CHARACTERISTICS												SYMBOLS	UNITS
FORWARD VOLTAGE	(IF=20 nA)	TYP	2.0	2.1	2.1	2.0		2.0	2.1	1.7	VF	V	
								2.0					
	MAX	2.6	2.8	2.8	2.6		2.6	2.8	2.6				
	TYP						2.6						
	MAX												
LUMINOUS INTENSITY	(IF=20 nA)	MIN	2.6	5.0	5.0	11.0		1.6	3.0	4.0	IV	mcd	
								6.0					
	TYP	7.0	14.0	14.0	22.0		4.0	8.0	8.0				
	MIN						12.0						
	TYP												
PEAK WAVELENGTH	(IF=20 nA)		630	585	610	565		630	610	660	λP	nm	
VIEW ANGLE		100										deg	

PART NO. <i>SEE TABLE</i>		TITLE	
MODEL NO.		<i>SURFACE MOUNT LED (DUAL CHIP)</i>	
MOLD NO.			
MATERIAL:			
FINISH:		 CHICAGO MINIATURE LAMP INC. 147 CENTRAL AVE. HACKENSACK, NJ 07601	
TOLERANCE UNLESS OTHERWISE SPECIFIED:			DRAWN <i>JEANNETTE R.</i> CHECKED ENG. APPRV
FRACTION <i>1/64</i> DECIMAL <i>.xx +/- .010 .xxx +/- .005</i> MILLIMETER <i>.x .3nn .xx .13nn</i> ANGLE <i>1 deg.</i>			REV <i>D</i>

THIS DWG IS THE PROPERTY
OF CHICAGO MINIATURE LAMP INC.
AND IS PROPRIETARY IN
GENERAL AND IN DETAIL
IT SHALL NOT BE COPIED
OR ITS CONTENTS REVEALED
TO OUTSIDE PARTIES WITH-
OUT THE WRITTEN CONSENT
OF CHICAGO MINIATURE LAMP INC.

REV	ECR NO.	DATE
A	10950 NEW RELEASE	11/23/94
B	14472 ADD. POLARITY TO BI-COLOR LED	4/8/97
C	15244 KB CHG'D CATHODE POS. AND ADDED SHT. 2	10/23/97
D	20407 RHW REMOVED PART NUMBER CMD11304UR.	05/04/01



FOR REF. ONLY

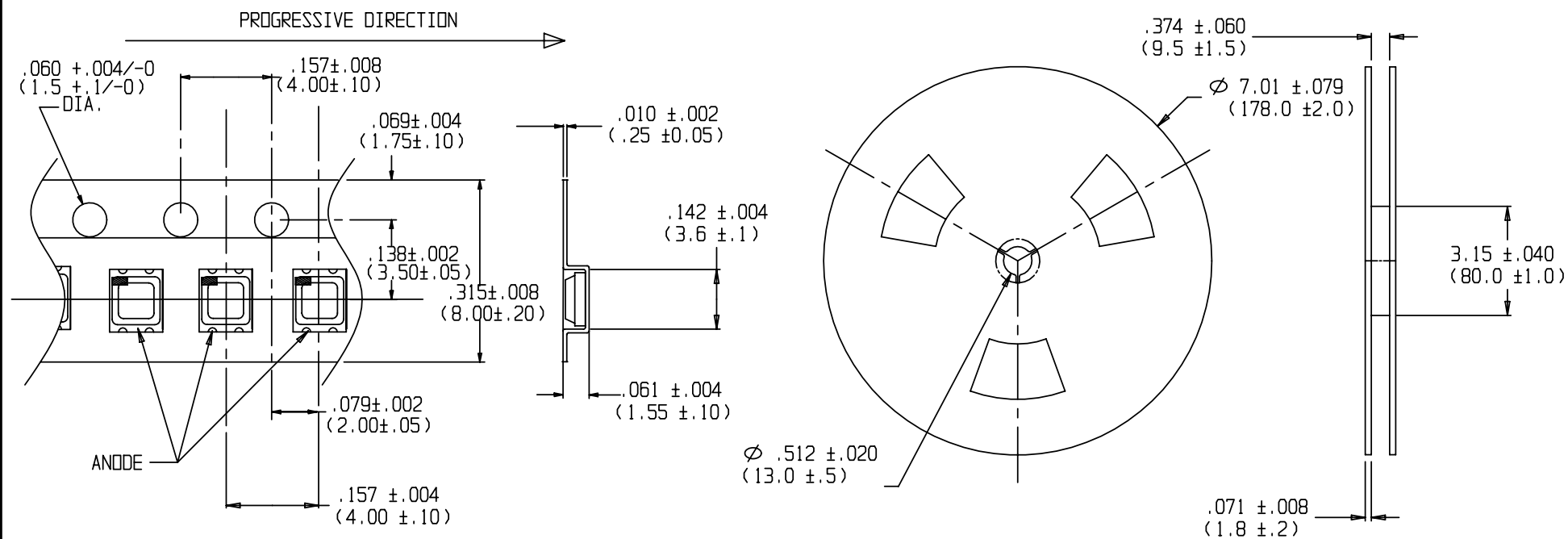
DIST.

V

SHEET 1 OF 2

ON 540

REV	ECR NO./DESCRIPTION	DATE
	SEE SHEET ONE	



QUANTITY 3000 PIECES PER REEL

DIST.
V/S

- NOTES:
1. ALL DIMENSIONS ARE IN INCHES (mm).
 2. TAPE AND REEL DIMS PER EIA 481-1 (8 + 12mm).

DO NOT SCALE

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PART NO. SEE TABLE	TITLE SURFACE MOUNT LED		
MODEL NO.	 CHICAGO MINIATURE LAMP INC. 147 CENTRAL AVE. HACKENSACK, NJ 07601		
MOLD NO.			
MATERIAL:	DRAWN K. BARRETT CHECKED ENG. APPRV		
FINISH:			
TOLERANCE UNLESS OTHERWISE SPECIFIED:	SCALE: NTS		
FRACTION INCHES ANGLE	$\pm 1/64$ $.xx \pm .010$ (0.25) $.xxx \pm .010$ (0.25) ± 1 deg.		
B12512			REV D

Mouser Electronics

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