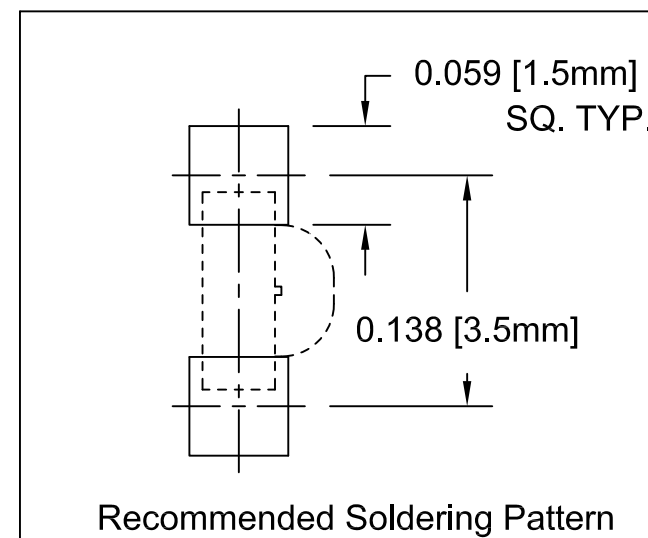
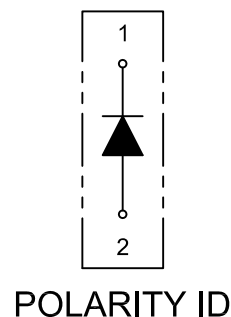
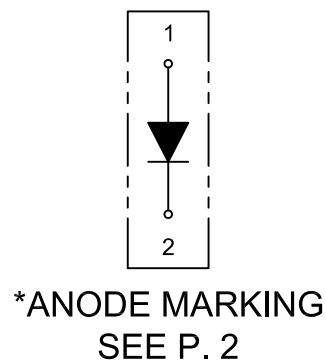
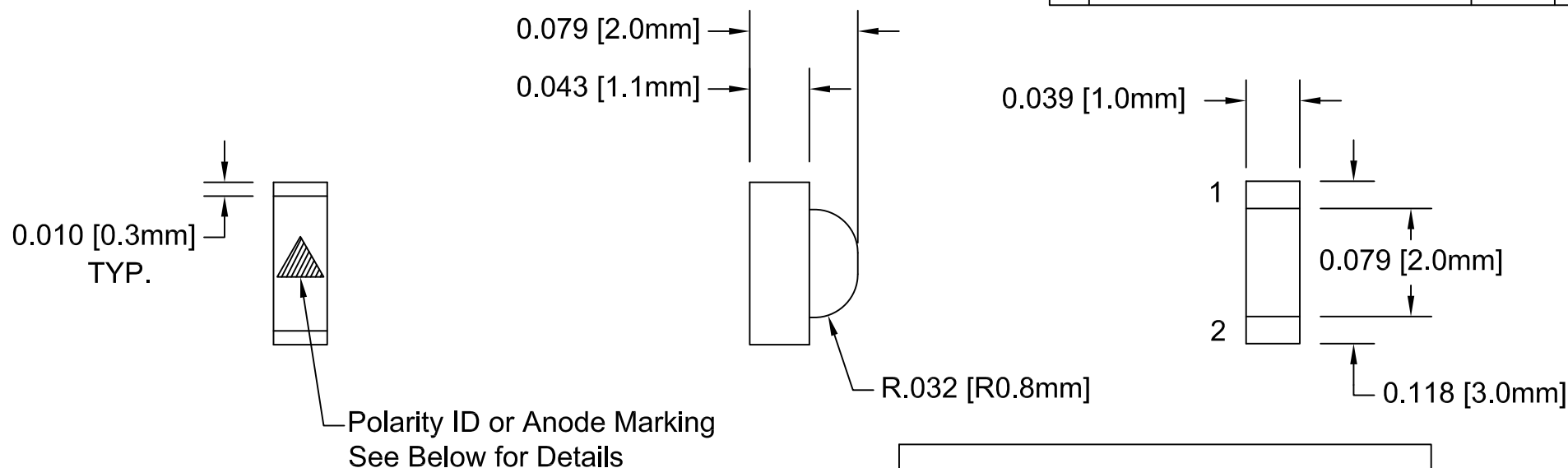


REV.	DESCRIPTION	DATE	APPROVED
G	REVISED LED UPDATE.	04/05/06	M. C.
H	DRAWING VIEW UPDATE.	06/28/06	M. C.
J	UPDATE ANODE MARKING AND REEL QTY.	08/04/08	M. C.



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

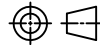
REVERSE VOLTAGE	_____	5V
REVERSE CURRENT	_____	100uA
OPERATING TEMPERATURE RANGE	_____	-25°C - 85°C
STORAGE TEMPERATURE	_____	-30°C - 100°C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	_____	260°C FOR 5 SECONDS

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED)		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
<u>DECIMALS</u>	<u>ANGULAR</u>		
.X ± .1	X° ± 1°	 TITLE: RIGHT ANGLE SURFACE MOUNT	
.XX ± .02			
.XXX ± .010		PART NO: SMR-XC	
DESIGNED: David Green	DATE: 02/03/03	REVISION J	
CHECKED: M. Chen	DATE: 02/03/03	CAGE CODE : 32559	SHEET # 1 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			

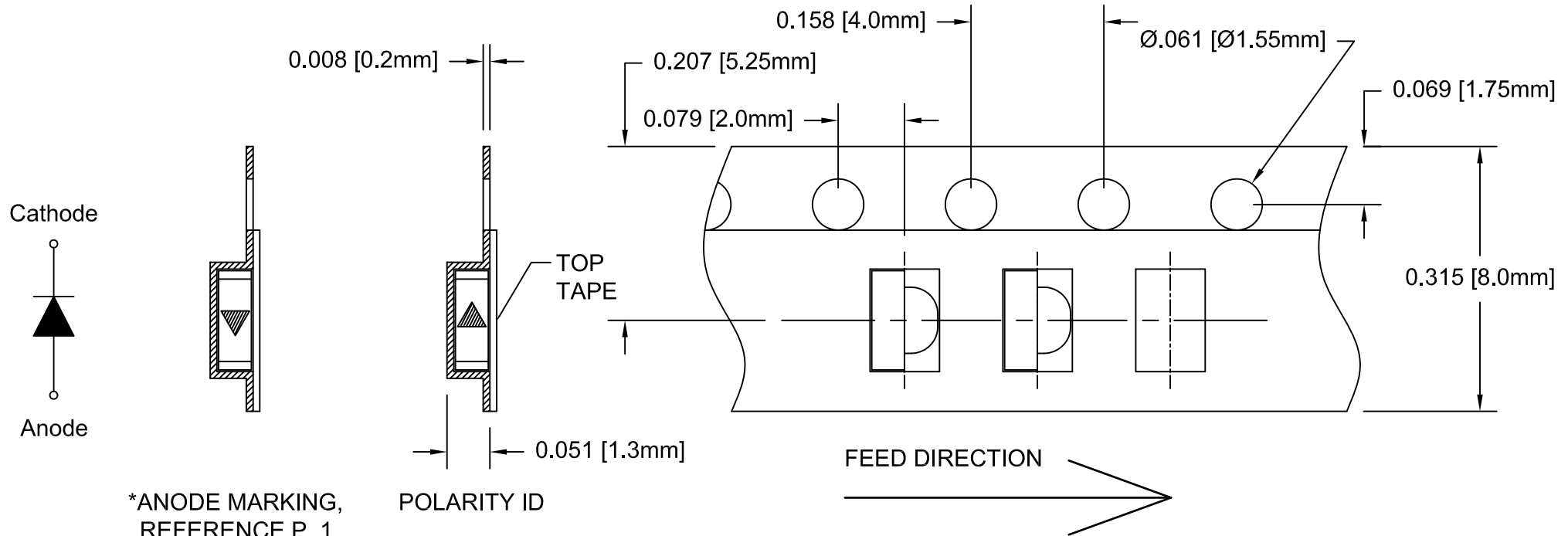
REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20mA			Viewing Angle 2 Θ ½ (Deg)
	Material	Peak Wave Length λp(nm)	Emitted Color		Δλ (nm)	Pd (mW)	If (mA)	Peak If(mA)	Vf (V)		Iv (mcd)	
									TYP	MAX	TYP	
SMR-BWC	GaN/SiC	430	BLUE	WATER CLEAR	60	135	30	125	4.0	4.5	8	140
SMR-UBWC	GaN	468	BLUE	WATER CLEAR	68	80	30	120	3.4	4.0	55	140
SMR-PGC	GaP/GaP	555	PURE GREEN	WATER CLEAR	35	100	30	150	2.2	2.6	2	140
SMR-UYC	AlGaInP	558	ULTRA YELLOW	WATER CLEAR	35	80	30	150	2.2	2.6	45	140
SMR-GC	GaP/GaP	568	GREEN	WATER CLEAR	30	100	30	150	2.2	2.6	15	140
SMR-YC	GaAsP/GaP	585	YELLOW	WATER CLEAR	35	100	30	150	2.1	2.6	10	140
SMR-AC	GaAsP/GaP	610	AMBER	WATER CLEAR	35	100	30	150	2.0	2.6	15	140
SMR-URC*	GaAlAs	660	ULTRA RED	WATER CLEAR	20	69	30	125	1.8	2.3	45	140
SMR-SRC*	GaAlAs	660	SUPER RED	WATER CLEAR	20	60	30	150	1.8	2.3	10	140
SMR-RC	GaP/GaP	700	RED	WATER CLEAR	90	50	15	50	2.2	2.6	3	140

* A NODE MARKING

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) <u>±10% ALL VALUES</u> <u>ANGULAR</u> X° ± 5°		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
		 TITLE: RIGHT ANGLE SURFACE MOUNT	
DESIGNED:	DATE:	PART NO:	REVISION:
David Green	02/03/03	SMR-XC	J
CHECKED:	DATE:	CAGE CODE : 32559	SHEET # 2 OF 3
M. Chen	02/03/03	CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.	

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		



1. 3000 pcs PER REEL

STANDARD TOLERANCE (UNLESS OTHERWISE SPECIFIED) ±10% ALL VALUES		ANGULAR X° ± 5°	
		 4 THOMAS, IRVINE, CA. 92618 TEL: (949) 951-8808 FAX: (949) 951-3974	
		 TITLE: RIGHT ANGLE SURFACE MOUNT	
DESIGNED: David Green	DATE: 02/03/03	PART NO: SMR-XC	REVISION: J
CHECKED: M. Chen	DATE: 02/03/03	CAGE CODE : 32559	SHEET # 3 OF 3
CAD GENERATED DOCUMENT, DO NOT MEASURE DRAWING.			