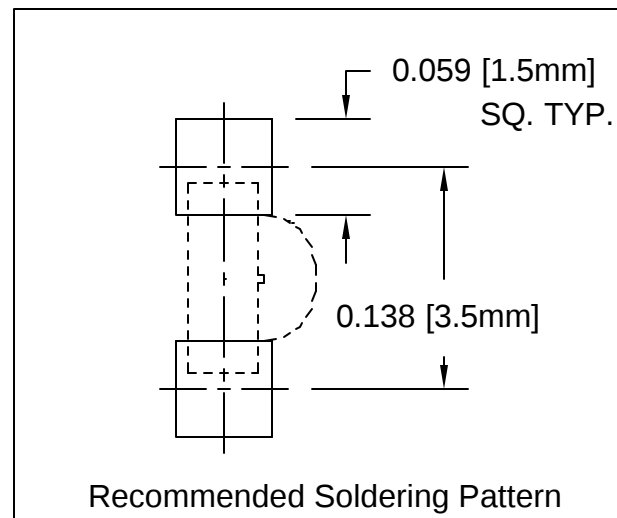
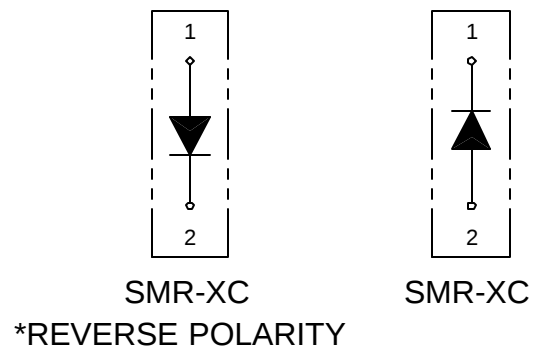
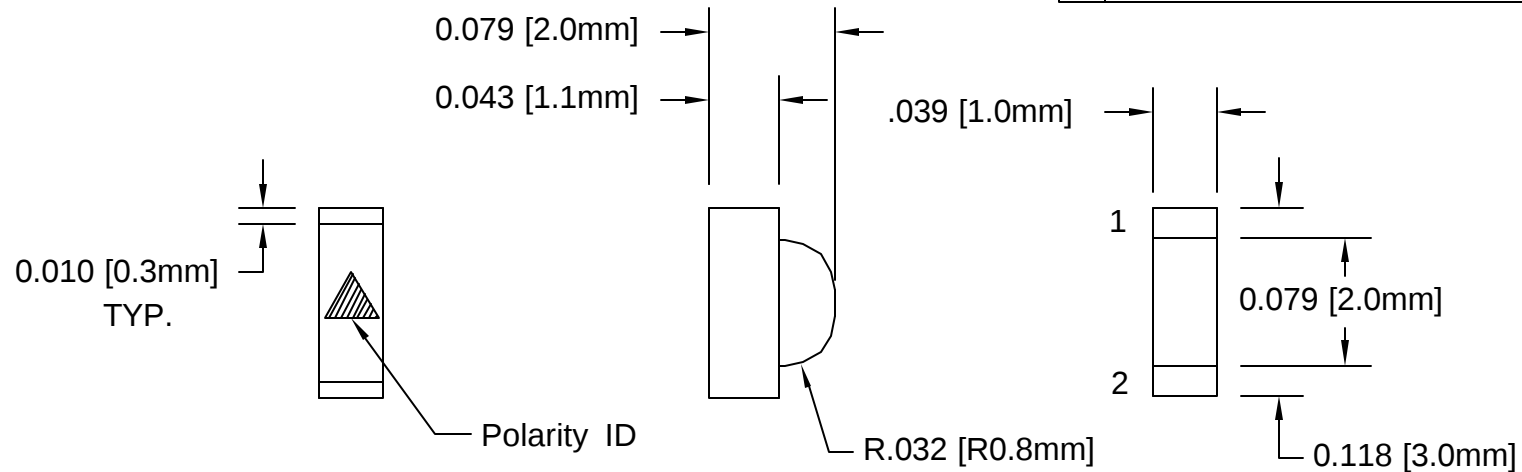


REV.	DESCRIPTION	DATE	APPROVED
G	REVISED LED UPDATE.	04/05/06	M. C.
H	DRAWING VIEW UPDATE.	06/28/06	M. C.



ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

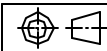
REVERSE VOLTAGE	5V
REVERSE CURRENT	100µA
OPERATING TEMPERATURE RANGE	-25°C - 85°C
STORAGE TEMPERATURE	-30°C - 100°C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	260°C FOR 5 SECONDS

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

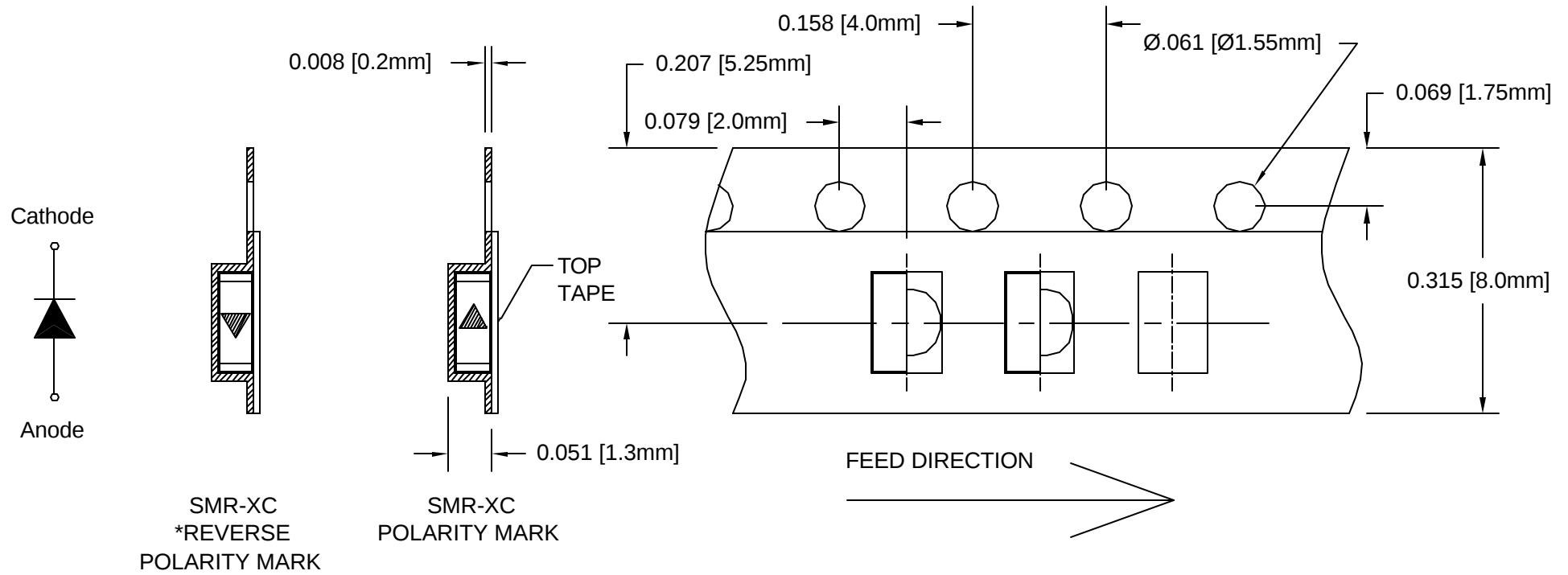
REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		

LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data @ 20mA			Viewing Angle 2 θ ½ (Deg)
	Material	Peak Wave Length λ p(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	80	30	120	4.0	4.5	9	140
SMR-UBWC	GaInN	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	80	30	150	2.0	2.6	45	140
SMR-SRC*	GaAlAs/GaAs	660	SUPER RED	WATER CLEAR	20	60	30	150	1.7	2.6	30	140
SMR-RC	GaP/GaP	700	RED	WATER CLEAR	90	50	15	50	2.2	2.6	3	140

* SR/UR CHIP REVERSED POLARITY

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: David Green	DATE: 02/03/03	PART NO: SMR-XC	REVISION: H
CHECKED: M. Chen	DATE: 02/03/03	CAGE CODE : 32559	SHEET # 2 OF 3
CAD GENERATED DOCUMENT. DO NOT MEASURE DRAWING.			

REV.	DESCRIPTION	DATE	APPROVED
	SEE SHEET#1.		



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