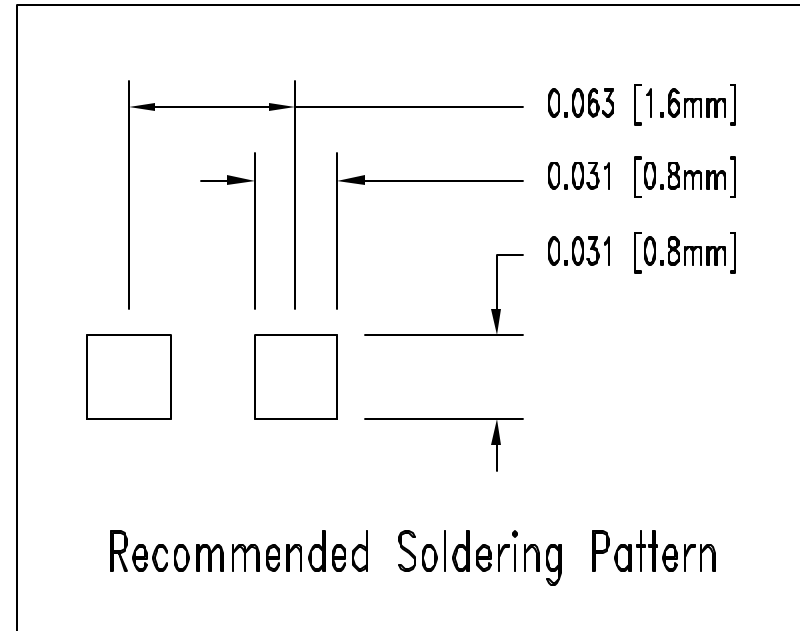
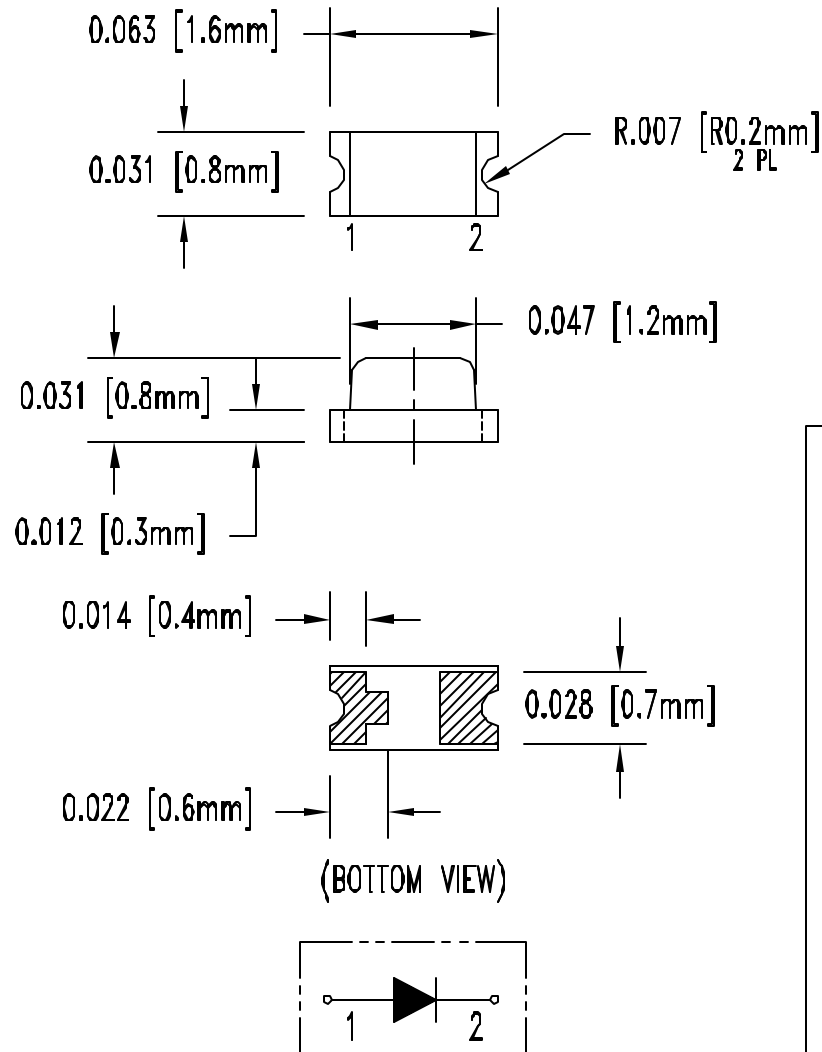



REV	DESCRIPTION	DATE	APPROVED
A	ENGINEERING RELEASE.	01/06/04	MC




**ABSOLUTE MAXIMUM RATINGS (Ta=25°C)**

REVERSE VOLTAGE	5V
REVERSE CURRENT (Vr=5V)	10µA
OPERATING TEMPERATURE RANGE	-20°C - 80°C
STORAGE TEMPERATURE	-20°C - 80°C
LEAD SOLDERING TEMPERATURE(1/16" FROM BODY)	260°C FOR 5 SECONDS

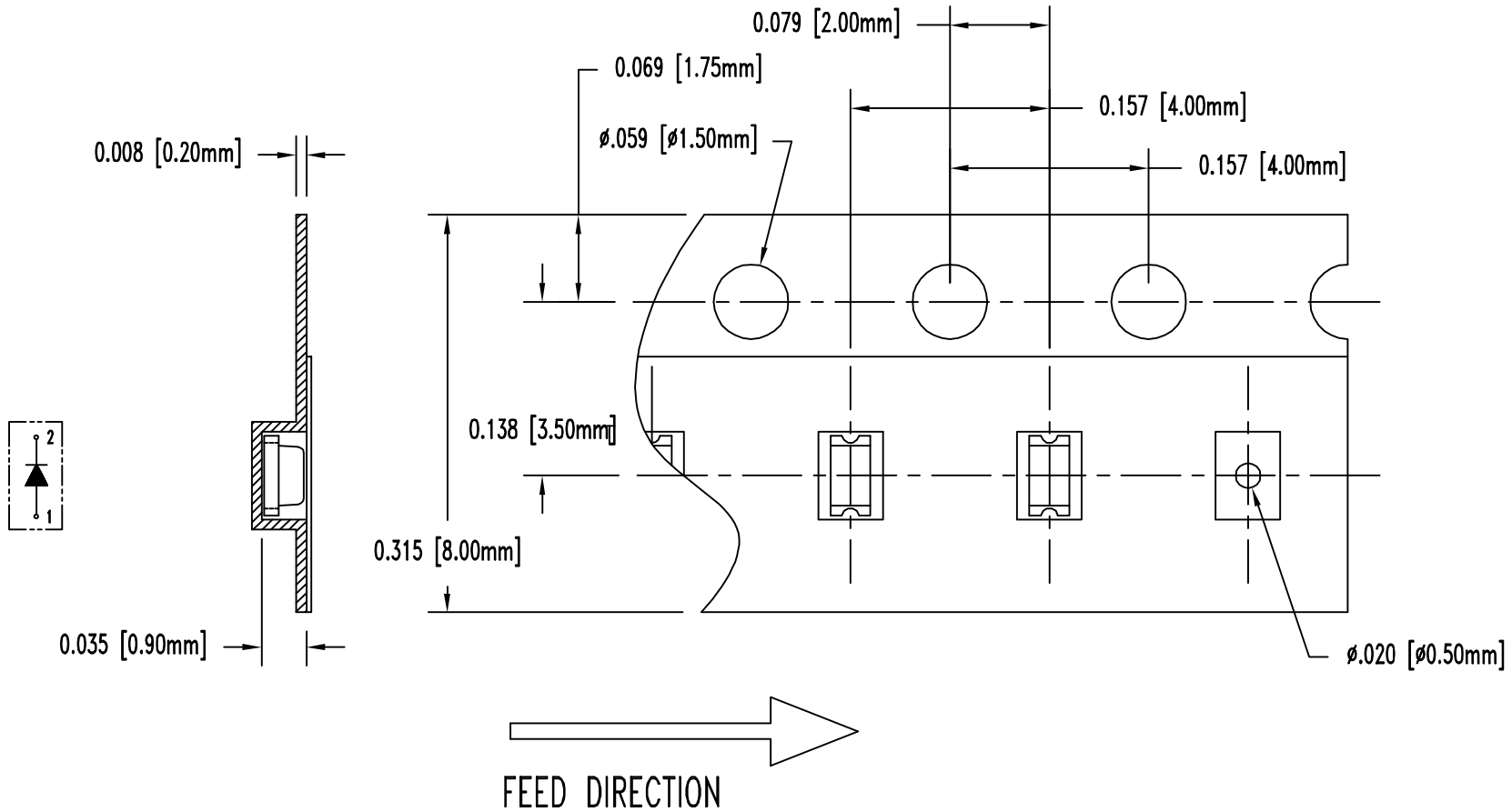
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		TOLERANCES		 <b>4 THOMAS, IRVINE, CA.92618</b> TEL: (949) 951-8808 FAX: (949) 951-3074	
DECIMALS	ANGULAR	DECIMALS	ANGULAR		
.X ± .1	X° ± 1°	.XX ± .02		<b>PART NAME:</b> SMD LED, SM0603, LOW CURRENT	
.XXX ± .010					
DESIGNER <b>DAVID GREEN</b>	DATE <b>01/06/04</b>	SIZE <b>A</b>	DWG NAME	DWG NO. <b>SM0603XCL</b>	REV <b>A</b>
CHECKER <b>M CHEN</b>	DATE <b>01/06/04</b>	SCALE <b>1=1</b>	CAGE CODE <b>32559</b>	SHEET <b>1</b> OF <b>3</b>	

REV	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1.		


LED Part No.	Chip			Lens Appearance	Absolute Max. Ratings				Electro-Optical Data			Viewing Angle (deg)
	Material	Peak Wave Length (nm)	Emitted Color		$\Delta\lambda$ (nm)	Pd (Mw)	If (mA)	Peak If (mA)	Vf (V) @20mA		Iv (mcd) @2mA	
									TYP	MAX	TYP	
SM0603GCL	AlGaInP	575	GREEN	WATER CLEAR	20	72	30	125	1.9	2.4	5.0	140
SM0603YCL	AlGaInP	592	YELLOW	WATER CLEAR	20	72	30	125	1.9	2.4	8.0	140
SM0603HCL	AlGaInP	645	HE RED	WATER CLEAR	20	72	30	125	1.8	2.4	7.0	140

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		 <b>4 THOMAS, IRVINE, CA.92618</b> TEL: (949) 951-8808 FAX: (949) 951-3974	
TOLERANCES DECIMALS      ANGULAR .X      ± .1      °      ± 1° .XX      ± .02 .XXX      ± .010			
DESIGNER <b>DAVID GREEN</b>		DATE <b>01/06/04</b>	
CHECKER <b>M CHEN</b>		DATE <b>01/06/04</b>	
SIZE <b>A</b>		DWG NAME <b>SM0603XCL</b>	
SCALE 1=1		CAGE CODE 32559	
SHEET 2 OF 3		PART NAME: <b>SMD LED, SM0603, LOW CURRENT</b>	

REV	DESCRIPTION	DATE	APPROVED
	SEE SHEET #1.		



2. UNLESS OTHERWISE SPECIFIED,  
PACKAGING TO COMPLY WITH EIA-481-B  
1. 4000 pcs PER REEL

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES		TOLERANCES		 <b>4 THOMAS, IRVINE, CA.92618</b> <b>TEL: (949) 951-8808 FAX: (949) 951-3974</b>	
DECIMALS	ANGULAR	DECIMALS	ANGULAR		
.X	± .1	X°	± 1°	<b>PART NAME:</b> <b>SMD LED, SM0603, LOW CURRENT</b>	
.XX	± .02				
.XXX	± .010				
DESIGNER	DATE	SIZE	DWG NAME	DWG NO.	REV
DAVID GREEN	01/06/04	A		SM0603XCL	A
CHECKER	DATE	SCALE	CAGE CODE	SHEET 3 OF 3	
M CHEN	01/06/04	1=1	32559		

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Standard LEDs - SMD category](#):*

*Click to view products by [Bivar manufacturer](#):*

Other Similar products are found below :

[LTST-C19GD2WT](#) [LTST-N683GBEW](#) [LTW-170ZDC](#) [LTW-M140SZS40](#) [598-8110-100F](#) [598-8170-100F](#) [598-8610-202F](#) [67-22VRVGC/TR8](#) [AAAF5060QBFSEEZGS](#) [HLMP-6305-L0011](#) [ALMD-LB36-SV002](#) [APT1608QGW](#) [15-21UYC/S530-A3/TR8](#) [EASV1803BA0](#) [LG M67K-H1J2-24-0-2-R18-Z](#) [LS A676-P2S1-1](#) [SML310BATT86](#) [SML-512VWT86A](#) [SML-LX0606SISUGC/A](#) [SML-LXL1307SRC-TR](#) [SML-LXR851SIUPGUBC](#) [LT1ED53A](#) [FAT801-S](#) [AM27ZGC03](#) [APB3025SGNC](#) [APFA3010SURKCGKQBDC](#) [APHK1608VGCA](#) [APT2012QGW](#) [CLX6D-FKB-CN1R1H1BB7D3D3](#) [LTST-C250KGKT](#) [LTW-020ZDCG](#) [LTW-21TS5](#) [LTW-220DS5](#) [JANTXM19500/521-02](#) [UYGT801-S](#) [LO T67F-V1AB-24-1](#) [YGFR411-H](#) [SML-LX0402IC-TR](#) [CMDA20AYAA7D1S](#) [CMDA16AYDR7A1X](#) [339-1SURSYGW/S530-A2](#) [598-8040-100F](#) [598-8070-100F](#) [598-8140-100F](#) [598-8610-200F](#) [EAPL3527GA5](#) [67-11/BHC-M1N2B8Y/2A0](#) [SML-LXL1209SYC/ATR](#) [EASV3020YGA0](#) [EAST16086YA5](#)