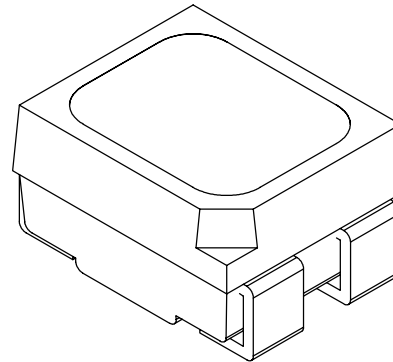


- ③ —|<— ④ + GREEN  
 + ② —|>— ① - YELLOW



ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $I_f=20\text{mA}$

PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			585		nm	
			565		nm	
FORWARD VOLTAGE	(Y/G)		2.1	2.8	$V_f$	
REVERSE VOLTAGE		5.0			$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY	(Y/G)		15/30		mcd	$I_f=20\text{mA}$
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	YELLOW/GREEN					
EPOXY LENS FINISH:	WATER CLEAR					

LIMITS OF SAFE OPERATION AT 25°C PER DIE

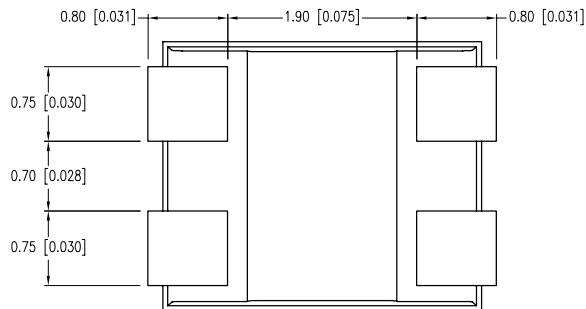
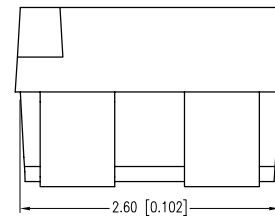
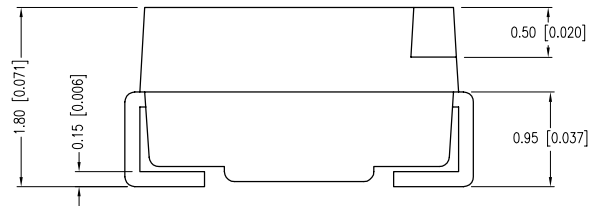
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING TEMP.	-40 TO +80	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY	3	SEC. MAX

\*  $t < 10\mu\text{s}$

NOTES:

1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
2. 2,000 PER REEL.

CAUTION: MOISTURE SENSITIVE DEVICE  
 PER JEDEC LEVEL 2 STANDARDS



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION UNCONTROLLED DOCUMENT



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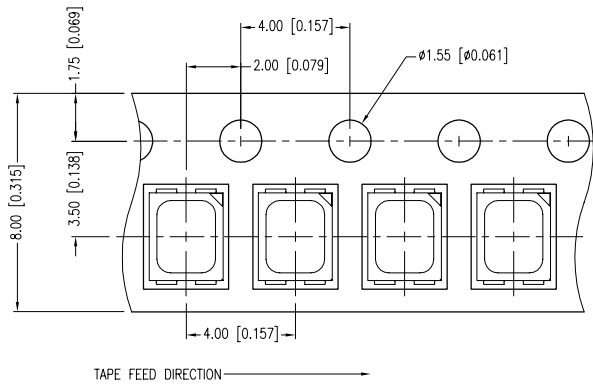
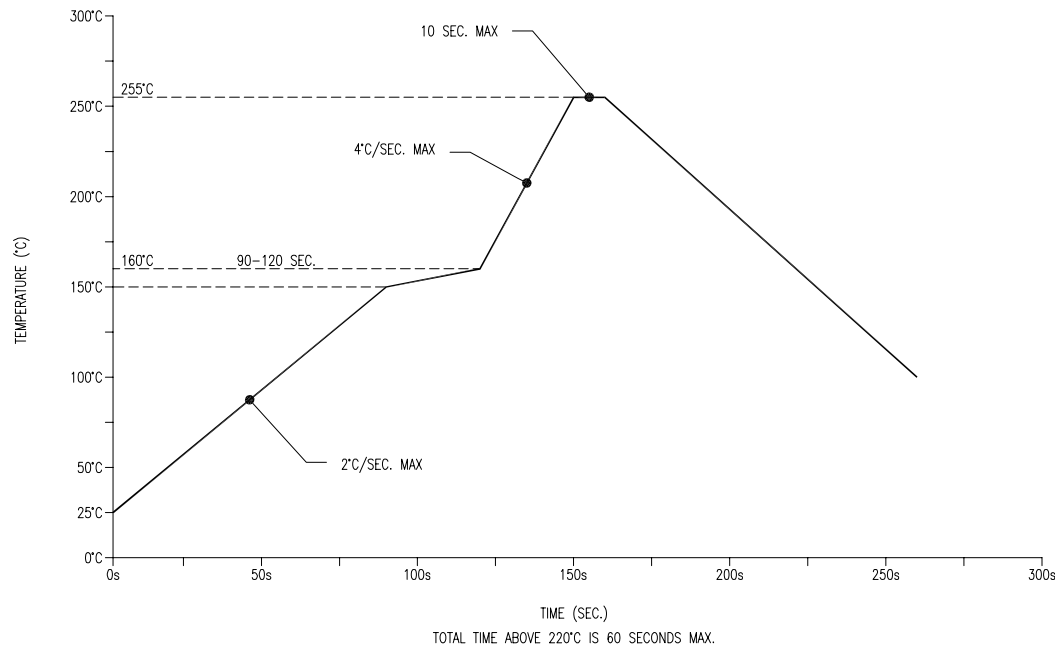
2.8mm x 3.2mm SML /W REFLECTOR CUP, DUAL CHIP, 585nm/565nm LED, WATER CLEAR LENS, 2k PER REEL.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

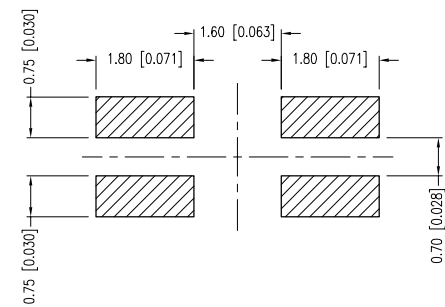
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SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓟ

LEAD FREE REFLOW PROFILE



RECOMMENDED SOLDER PAD LAYOUT



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION UNCONTROLLED DOCUMENT



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