

ELECTRO-OPTICAL CHAR	ACTERIS"	TICS TA=25°C	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		591 (YELLOW)		nm	
		575 (GREEN)		nm	
FORWARD VOLTAGE		2.0	2.35	V _f	
REVERSE VOLTAGE	5.0			V_r	I _r =100uA
AXIAL INTENSITY (Y/G)		100/50		mcd	I _f =20mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	YELLO	W/GREEN			
EPOXY LENS FINISH:	WATER	R CLEAR LENS			

LIMITS OF SAFE OPERATION AT 25°C	PER CHIP	
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-1.2	mW/*C
OPERATING TEMP.	-40 TO +85	•C
STORAGE TEMP.	-40 TO +85	.C

^{*} t<10uS

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

0.80 [0.031]	1.90 [0.075]	[0.031]
0.75 [0.030]		
0.70 [0.028]		
0.75 [0.030]		

*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 UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538

2.8mm x 3.3mm SFC MNT W/REFLECTOR CUP, DUAL CHIP, 591nm YELLOW, 575nm GREEN, WATER CLEAR.

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

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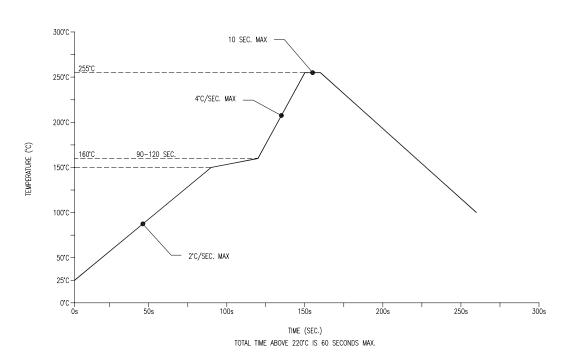
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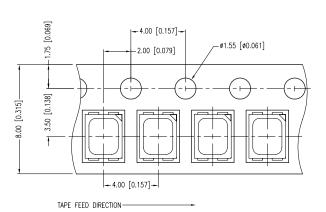
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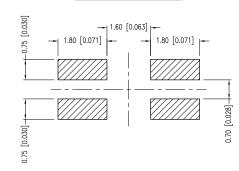
REV.

LEAD FREE REFLOW PROFILE





RECOMMENDED SOLDER PAD LAYOUT



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