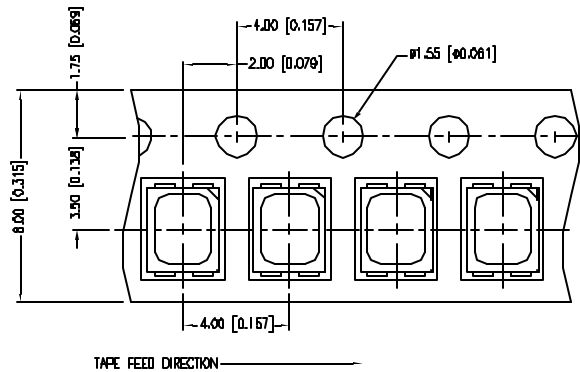
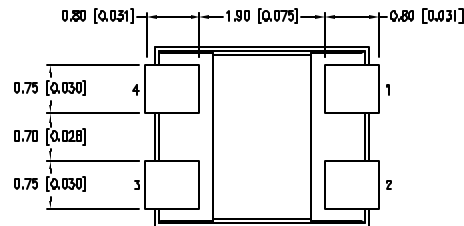
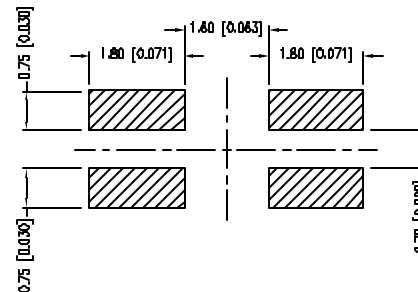


- ① ——— ③ ——— +YELLOW  
+ ② ——— ④ ——— - GREEN



## RECOMMENDED SOLDER PAD LAYOUT

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		570		nm	
		585		nm	
FORWARD VOLTAGE		2.0	2.40	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	$I_F = 100\mu\text{A}$
AXIAL INTENSITY (Y/G)		15/25		mod	$I_F = 20\text{mA}$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR		GREEN/YELLOW			
EPOXY LENS FINISH		WATER CLEAR LENS			

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER CHIP

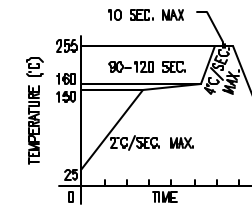
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM $25^\circ\text{C}$	-1.2	mW/ $^\circ\text{C}$
OPERATING TEMP.	-40 TO +85	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

## NOTES:

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

## LEAD FREE REFLOW PROFILE

TOTAL TIME ABOVE  $220^\circ\text{C}$  IS 60 SECONDS MAX.CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 2 STANDARDS

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

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2.8mm x 3.3mm SFC MNT W/REFLECTOR CUP, DUAL CHIP, 570nm GREEN, 585nm YELLOW, WATER CLEAR.

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

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