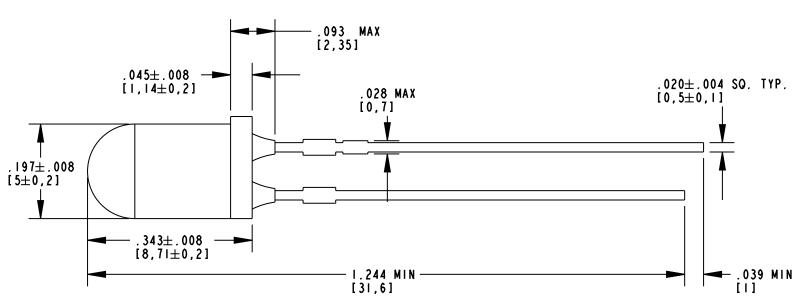
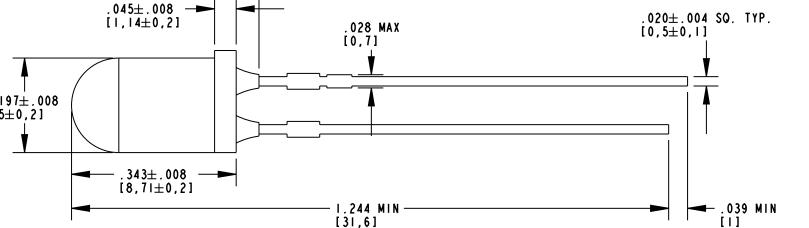
OPERATING CHARACTERISTICS AT 25°C AMBIENT							
LED CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS		
LUMINOUS INTENSITY	3200		5500	mc d	Ir = 20 mA		
FORWARD VOLTAGE		2.2		٧	Ir = 20 mA		
DOMINANT WAVELENGTH	587		592	nm	Ir = 20 mA		
PEAK WAVELENGTH		590		nm	Ir = 20 mA		
REVERSE VOLTAGE	5			٧	IR = 100 μA		
VIEWING ANGLE (2 0 1/2)		30		DEGREE			

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT	VALUE	UNITS
DC FORWARD CURRENT	50	mA
PEAK FORWARD CURRENT	100	mA
AVERAGE FORWARD CURRENT	30	mA
REVERSE VOLTAGE (IR = 100 μA)	5	٧
DERATE LINEARLY FROM 55°C	0.67	mA/°C
OPERATING TEMPERATURE	-40 TO +100	°C
STORAGE TEMPERATURE	-40 TO +120	°C
WAVE SOLDERING TEMPERATURE, 3 SEC, 1/16" BELOW BODY	250	°C
SOLDER DIPPING TEMPERATURE, 5 SEC, 1/16" BELOW BODY	260	°C





NOTES:

- I. EPOXY COLOR: CLEAR NON-DIFFUSED.
- 2. DIE: TS AllnGaP, AMBER.
- 3. LEADS: TIN (Sn), SILVER (Ag), COPPER (Cu) PLATING ON MILD STEEL.
- SOLDER ADHERANCE: BOTH LEADS PER MIL. STD. 202E, METHOD 208C, EXCEPT STEAM AGING.
- 5. LEAD SPACING MEASURED NEAR EPOXY PACKAGE.
- LEDS TO BE PACKAGED IN AMMO PACK AS SHOWN ON DRAWING (2000 PCS/BOX).
- 7. INTENSITY BIN TOLERANCE IS ± 15 %.
- 8. COLOR BIN TOLERANCE IS ± 0.5 nm.
- 9. DIALIGHT PART NUMBER: 521-8089F

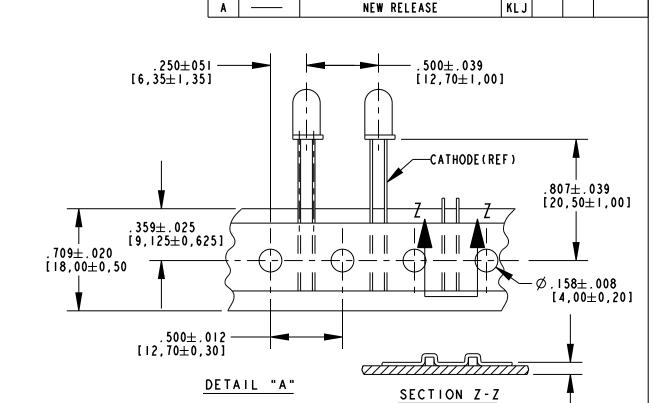
RoHS Compliant 521-8089F

Part Numbers with the "F" suffix ending are RoHS Compliant. Reel and bag packaging are marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

Ø.228 [5,8]

 $.100\pm .015$

 $[2,54\pm0,38]$



REVISIONS

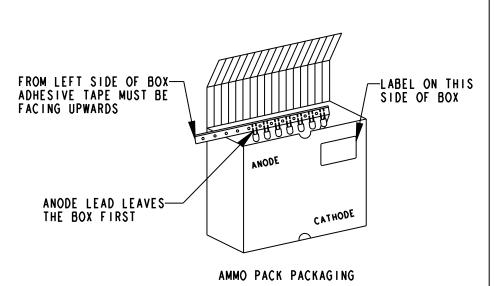
REV

ECN NO

DRN CKD APP

.028±.008 [0,70±0,20]

DATE



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FORDIDUEN WITH	IOOT THE MELLIEW CONSENT OF DIVITION	п!,			
SCALE: 5.000	DRAWING NUMBER	REV			
ALL DIM'S IN; INCHES (MM)	C 17572	۸ .			
TOLERANCES: UNLESS OTHERWISE SPECIFIED	C-17573	A			
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005	TITLE 5mm AMBER LED (RoHS COMPLIANT)				
DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	MATERIAL -				
FINISH: -	Dialight 1501 ROUTE	34 SOUTH , NJ 07727			
FSCM 83330	SHEET I OF I FAMILY TARLE.				