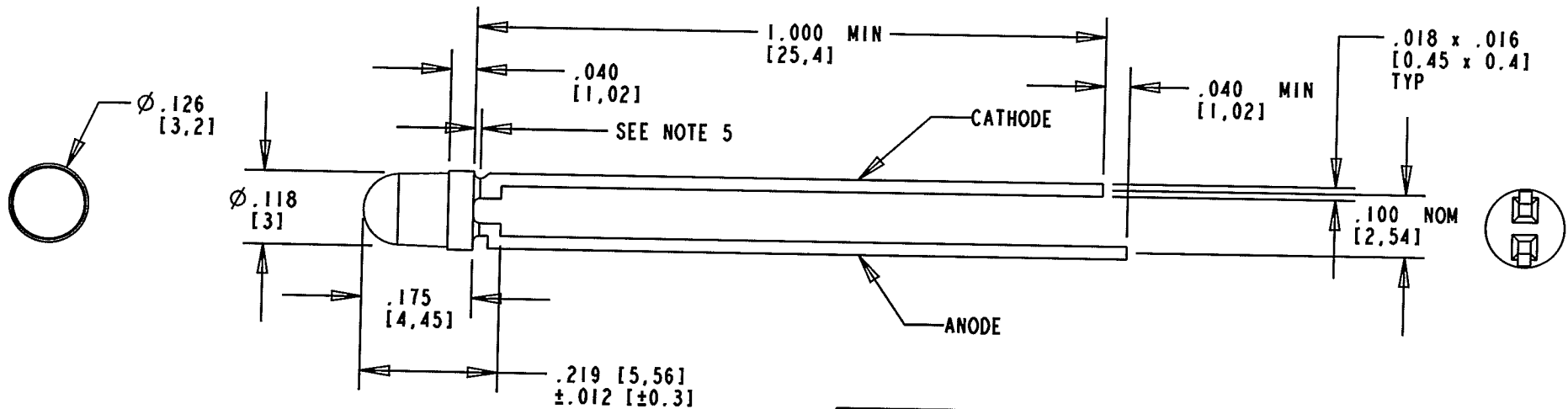


REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	SM	KL	M.B.	9-16-08



ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		
POWER DISSIPATION	RED	UNITS
DERATE LINEARLY FROM 70°C	120	mW
CONTINUOUS FORWARD CURRENT	0.6	mA/°C
REVERSE VOLTAGE	50	mA
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	160	mA
OPERATING TEMPERATURE	260	°C
STORAGE TEMPERATURE	-40 TO +100	°C
	-55 TO +100	°C



ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES

NOTES:

- LED FINISH TIN - NICKEL ON COPPER
- LENS COLOR: ALINGAP RED (TRANSPARENT)
- SOLDER ADHERANCE: BOTH LEADS PER MIL STD. 202E, METHODE 208C
- PARTS ARE TO BE PACKAGED IN BAG WITH LABEL IDENTIFYING THE FOLLOWING:
[BIN CODE, DATE CODE, QTY PER BAG AND DIALIGHT PART NUMBER]
- PROTRUDED RESIN UNDER FLANGE IS .040 [1.0mm] MAX
- LEAD SPACING IS MEASURED WHERE THE LEADS EMERGE FROM THE PACKAGE
- DIALIGHT PART NUMBER: 521-9888F
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RoHS Compliant 521-9888F
 Part Numbers with the "F" suffix ending are RoHS Compliant.
 Packaging is 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.

OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	100	300		mcd	I _r = 20 mA
FORWARD VOLTAGE		2.0	2.4	V	I _r = 20 mA
REVERSE CURRENT			100	µA	V _r = 5 V
PEAK WAVELENGTH		632		nm	
DOMINANT WAVELENGTH		624		nm	
VIEWING ANGLE		45		Degree	
CAPACITANCE		40		pf	V _r = 0, f = 1 MHz

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SCALE: DRAWING SCALE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-17659	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	3mm LED	
DECIMALS (.XX): ±.02	RoHS COMPLIANT	
DECIMALS (.XXX): ±.010	MATERIAL	
DECIMALS (.XXXX): ±.0005		
ANGLES: ±1°		
FINISH:		
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
	SHEET 1 OF 1	FAMILY TABLE: