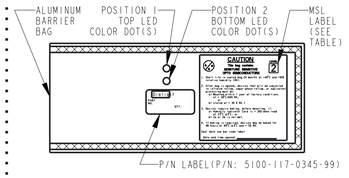
DIALIGHT PART NUMBER	PACKAGING	POSITION 1	POSITION 2	MSL
592-2323-819SNF	13" REEL	GREEN	GREEN	2
592-2323-824SNF	SAMPLE STRIP			
592-2324-825SNF	SAMPLE STRIP	GREEN	YELLOW	2
592-2324-821SNF	13" REEL			

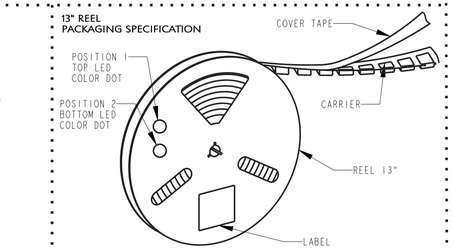
REV	REVISIONS	DRN	APP	DATE
A	NEW RELEASE	LD	NO	2-23-21
B	CORRECTED NOTE 2 WHICH HAD "NF" SUFFIX	LD	NO	4-7-21
C	ADDED LUM INT. MIN & MAX VALUES, YELLOW PEAK WAVELENGTH WAS 586, GREEN TYP FORWARD VOLTAGE WAS 2.0	LD	CS	12-8-23

SAMPLE STRIP PACKAGING SPECIFICATION

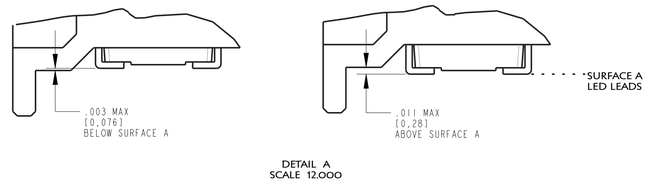


- 10 PCS. SAMPLE STRIP.
- PLACE STRIP IN ALUMINUM BARRIER BAG WITH [1] DESICCANT AND [1] HUMIDITY INDICATOR CARD.
- HEAT SEAL BAG.
- PLACE LABEL, APPROPRIATE COLOR DOTS, AND MOISTURE SENSITIVITY LEVEL LABEL ON BAG (SEE TABLE).
- LABEL TO INCLUDE P/N, QTY PER BAG, DATE CODE, REV LEVEL, LED LOT NO., LED COLOR, LED BIN INTENSITY FOR BOTH LEDS, AND "COUNTRY OF ORIGIN: MEXICO".

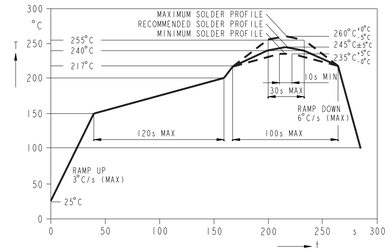
13" REEL PACKAGING SPECIFICATION



- 13" REEL PER EIA STANDARD 481-2
- QUANTITY = 360 Pcs/REEL IN VACUUM SEALED BAG
- LABEL AND COLOR DOTS ON REEL AND ON BAG
- LABEL TO INCLUDE P/N, QTY PER BAG, MFG DATE LED LOT NO., LED COLOR, LED BIN INTENSITY FOR BOTH LEDS AND "COUNTRY OF ORIGIN: MEXICO". CORNER OF LABEL ON REEL INDICATES MOISTURE SENSITIVITY LEVEL. ALUMINUM BARRIER BAG INCLUDES MSL LABEL.



DETAIL A
SCALE 12.000



RECOMMENDED RoHS COMPLIANT REFLOW PROFILE

NOTES :

1. DIALIGHT PART NUMBERS: 592-XXXX-8XXSNF.
2. ...-824/825SNF SUFFIX MEANS PARTS ARE SUPPLIED ON A 10 PCS. SAMPLE STRIP ...-819/821SNF SUFFIX MEANS PARTS ARE SUPPLIED ON A 13 INCH REEL, 3/REEL
3. FRONT AND REAR TERMINALS [OF EACH LED] OF THE ASSEMBLY TO BE WITHIN .005" COPLANARITY.
4. STORAGE CONDITIONS FOR TAPED PRODUCT: RE-TAPING MAY BE NECESSARY FOR PRODUCT STORED MORE THAN TWELVE MONTHS.
5. PIN NUMBERS ARE FOR REFERENCE ONLY , DESIGNATION NON-EXISTENT ON PART.
6. MOISTURE SENSITIVITY LEVEL LABEL WILL BE PLACED ON BAG. CHECK CHART FOR PROPER LEVEL.
7. THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
8. FLAMMABILITY RATING
   HOUSING: UL-94-VO
   SILICONE LENS AND LED: UL-94HB

OPERATING CHARACTERISTICS AT 25°C AMBIENT - SINGLE COLOR LEDs

COLOR		LUMINOUS INTENSITY (mcd)			TEST CURRENT (mA)	DOMINANT WAVELENGTH (nm)			PEAK WAVELENGTH (nm)	FORWARD VOLTAGE (V) @ 20mA		REVERSE CURRENT (µA)
#	DESCRIPTION	MIN	TYP	MAX		MIN	TYP	MAX	TYP	TYP	MAX	MAX
23	GREEN	11	18	30	10	566	570	575	572	2.1	2.4	10 @ VR=12 V
24	YELLOW	35	50	110	10	580	587	595	588	2.0	2.4	10 @ VR=12 V

ABSOLUTE MAXIMUM RATINGS AT 25°C AMBIENT SINGLE COLOR LEDs	GREEN	YELLOW	UNITS
PEAK FORWARD CURRENT (1/200 DUTY CYCLE, 10µs PULSE WIDTH)	1000	200	mA
CONTINUOUS FORWARD CURRENT	30	30	mA
LINEAR DERATING FROM 60°C, UNLESS OTHERWISE NOTED	1.0 (FROM 85°C)	1.0 (FROM 85°C)	mA/°C
REVERSE VOLTAGE	12	12	V
OPERATING TEMPERATURE	-40 TO +100		°C
STORAGE TEMPERATURE	-40 TO +100		°C

LED COLOR	PIN 1	PIN 2
SINGLE COLOR	CATHODE	ANODE

RECOMMENDED PAD LAYOUT - SINGLE COLOR

LED COLOR	PIN 1	PIN 2	PIN 3	PIN 4
YELLOW/GREEN	YELLOW CATHODE	YELLOW ANODE	GREEN ANODE	GREEN CATHODE

RECOMMENDED PAD LAYOUT - MULTI-COLOR

†BI-COLOR AND TRI-COLOR LED SHOWN†
WITH TERMINAL DIMENSIONS

ATTENTION:
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES

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SCALE: 8.000	DRAWING NUMBER: C-18505 REV: C
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 ANGLES: ±1°	TITLE: BI-LEVEL PRISM, SILICONE LENS
FINISH: -	MATERIAL: -
FSCM 83330	SHEET 1 OF 1 FAMILY TABLE:

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