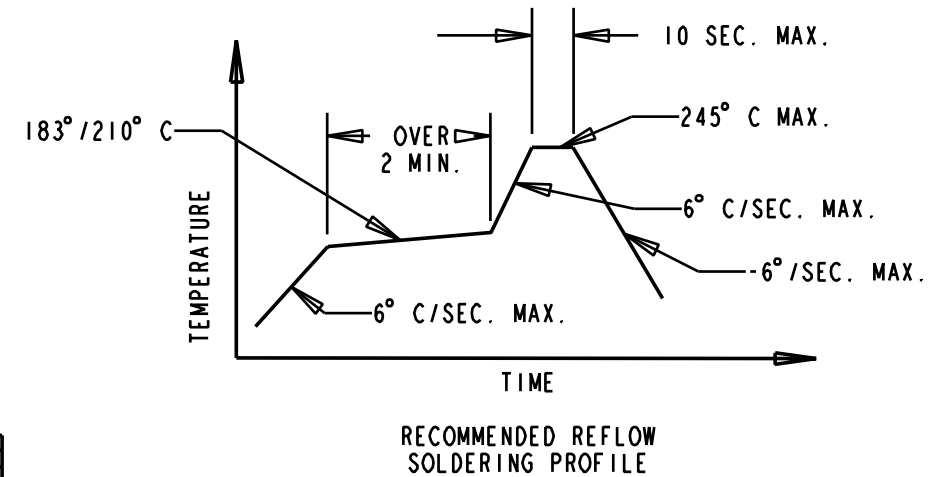
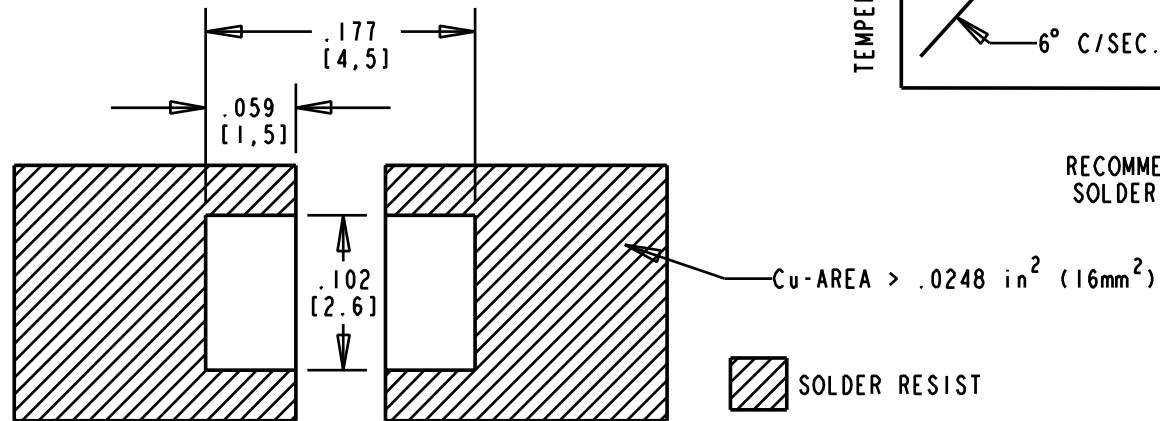
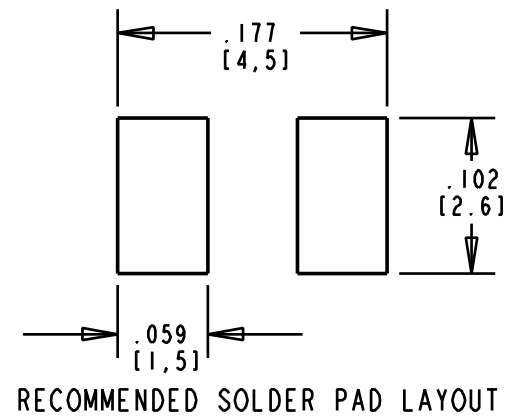
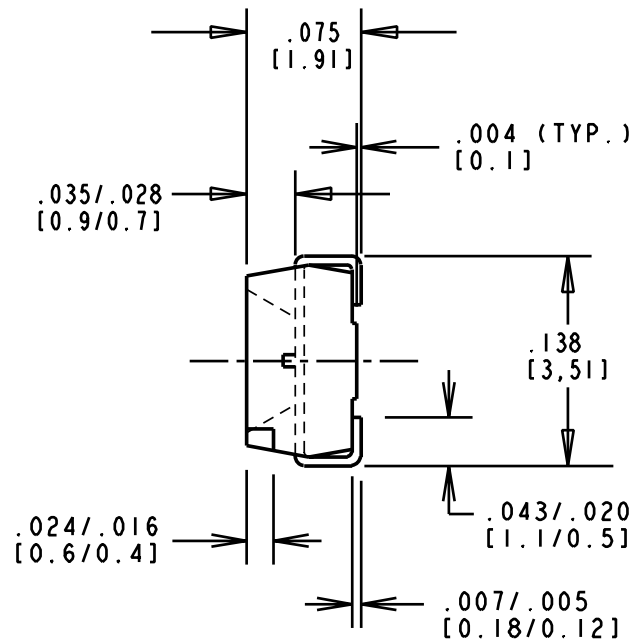
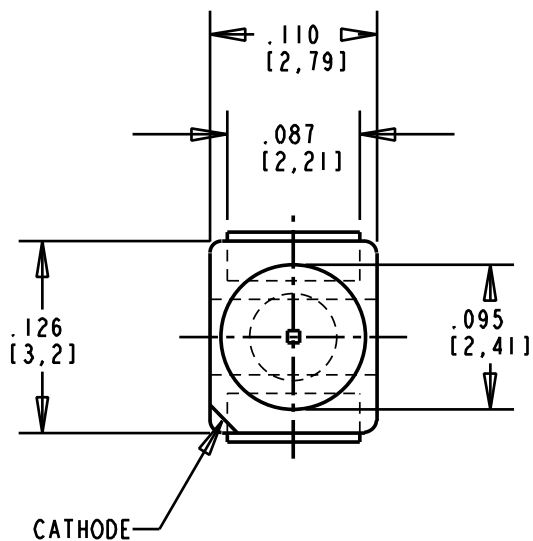




OPERATING CHARACTERISTICS AT 25° C AMBIENT

LED CHARACTERISTICS		MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY		90.0		180.0	mc d	I _F = 20 mA
FORWARD VOLTAGE			3.5	4.2	V	I _F = 20 mA
REVERSE CURRENT			0.01	10	μA	V _R = 5 V
VIEWING ANGLE (2 Θ 1/2)			120		DEGREES	
COLOR COORDINATES	X	0.29	0.32	0.365		I _F = 20 mA
	Y	0.22	0.31	0.42		

PAD LAYOUT FOR IMPROVED HEAT DISSIPATION

ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT	
POWER DISSIPATION	85 mW
CONTINUOUS FORWARD CURRENT	20 mA
DERATE LINEARLY FROM 75° C	0.6 mA/°C
PEAK REVERSE VOLTAGE	5 V
SOLDERING PROFILE: IR - 235° C PEAK. - 15 SEC., 185° C - 90 SEC. MAX.	
OPERATING TEMPERATURE	-40° C TO +100° C
STORAGE TEMPERATURE	-40° C TO +100° C

NOTES:

1. EPOXY COLOR: DIFFUSED
2. DIE: InGaN.
3. LEADS: SOLDER PLATED.
4. SOLDER ADHERANCE: BOTH LEADS PER MIL-STD-202E, METHOD 208C.
5. SUFFIX -202 FOR 20-PCS ON A SAMPLE TAPE STRIP.
SUFFIX -207 FOR 7"(178mm) DIA. REEL, .315(8mm) EMBOSSED CARRIER TAPE, WITH 2000 PARTS/REEL.
6. PARTS TO BE TAPED AND REELED PER EIA-RS-481A.
7. PARTS TO BE SUPPLIED 2000 DEVICES PER REEL WITH ALL PARTS ON ONE REEL FROM SAME LOT AND SAME BIN CATEGORY.
8. LABELING: REELS TO BE IDENTIFIED WITH P/N, QUANTITY, DATE CODE, INTENSITY BIN CATEGORY AND COLOR BIN CATEGORY.
9. PACKAGING IN SEALED ALUMINUM MOISTURE BARRIER BAG WITH DESICCANT AND "MOISTURE SENSITIVITY LEVEL OF "2" PER JEDEC J-STD-033.
10. ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES.
11. DEVICES POSITIONED ON REEL WITH CATHODE SIDE TOWARDS SPROCKET.
12. TAPE AND REEL LEDS MAY REQUIRE RE-TAPING AFTER TWELVE MONTHS.
13. DIALIGHT P/N: 597-3901-202, 597-3901-207.

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SCALE 8:1 ALL DIM'S IN: INCHES (MM)	DRAWING NUMBER C-16903	REV A
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.010 DECIMALS (.XXX): ±.008	TITLE WHITE PLCC SMT LED	
ANGLES: ±1°	MATERIAL	
FINISH:	Dialight	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET OF	FAMILY TABLE: