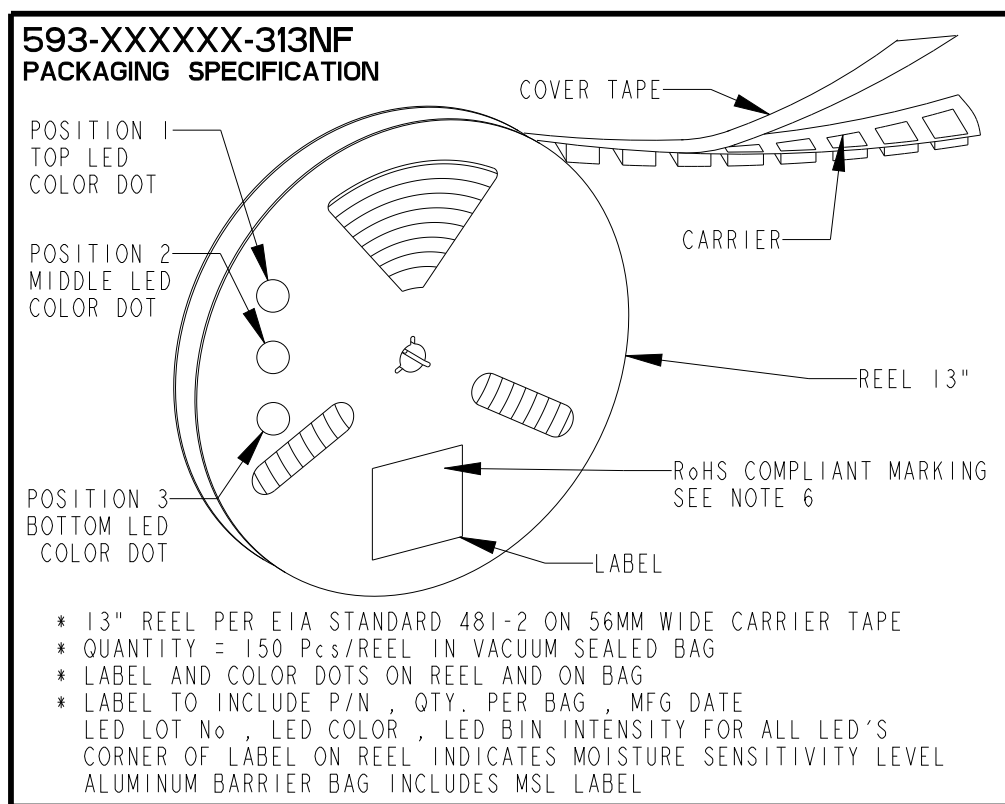
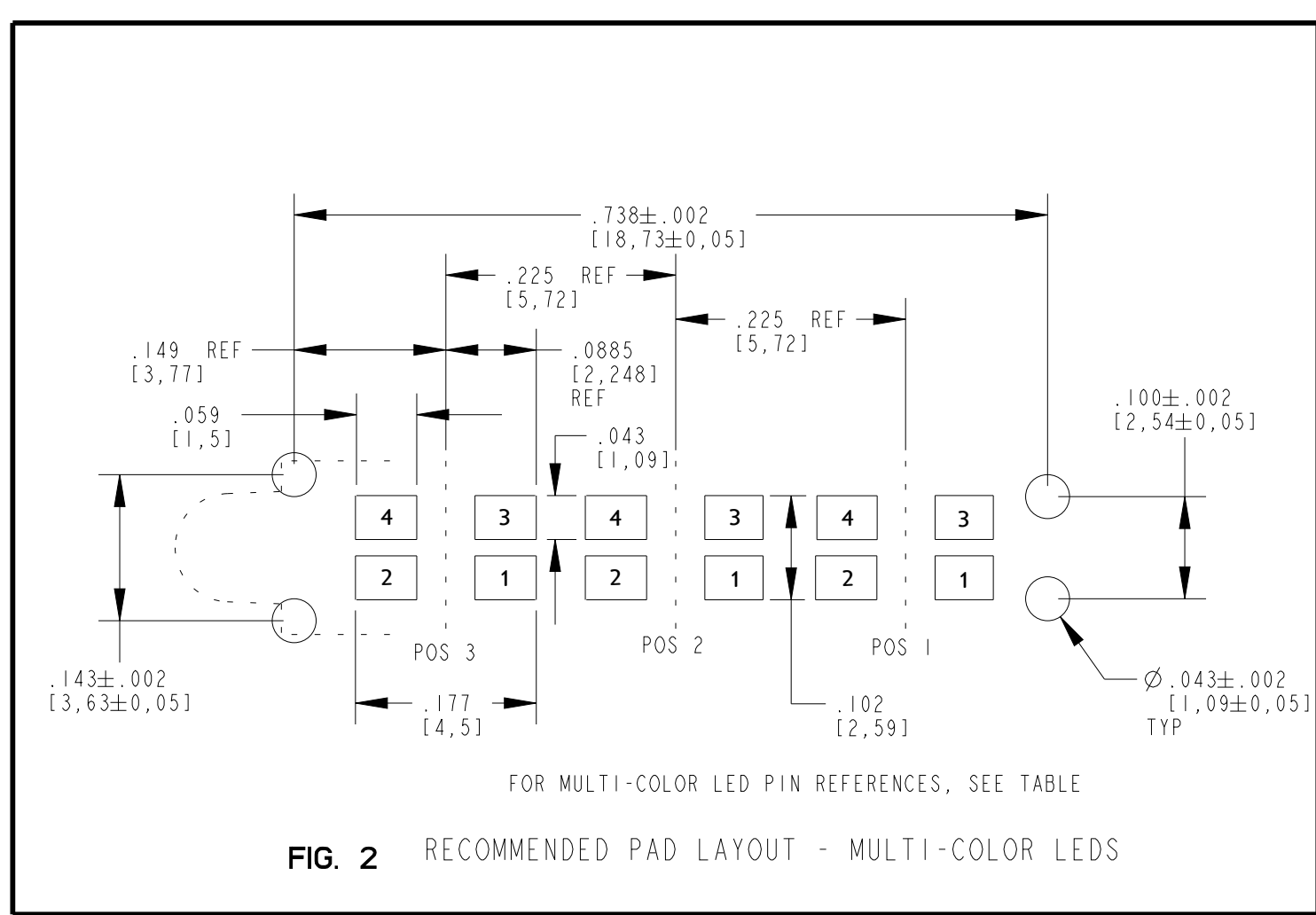
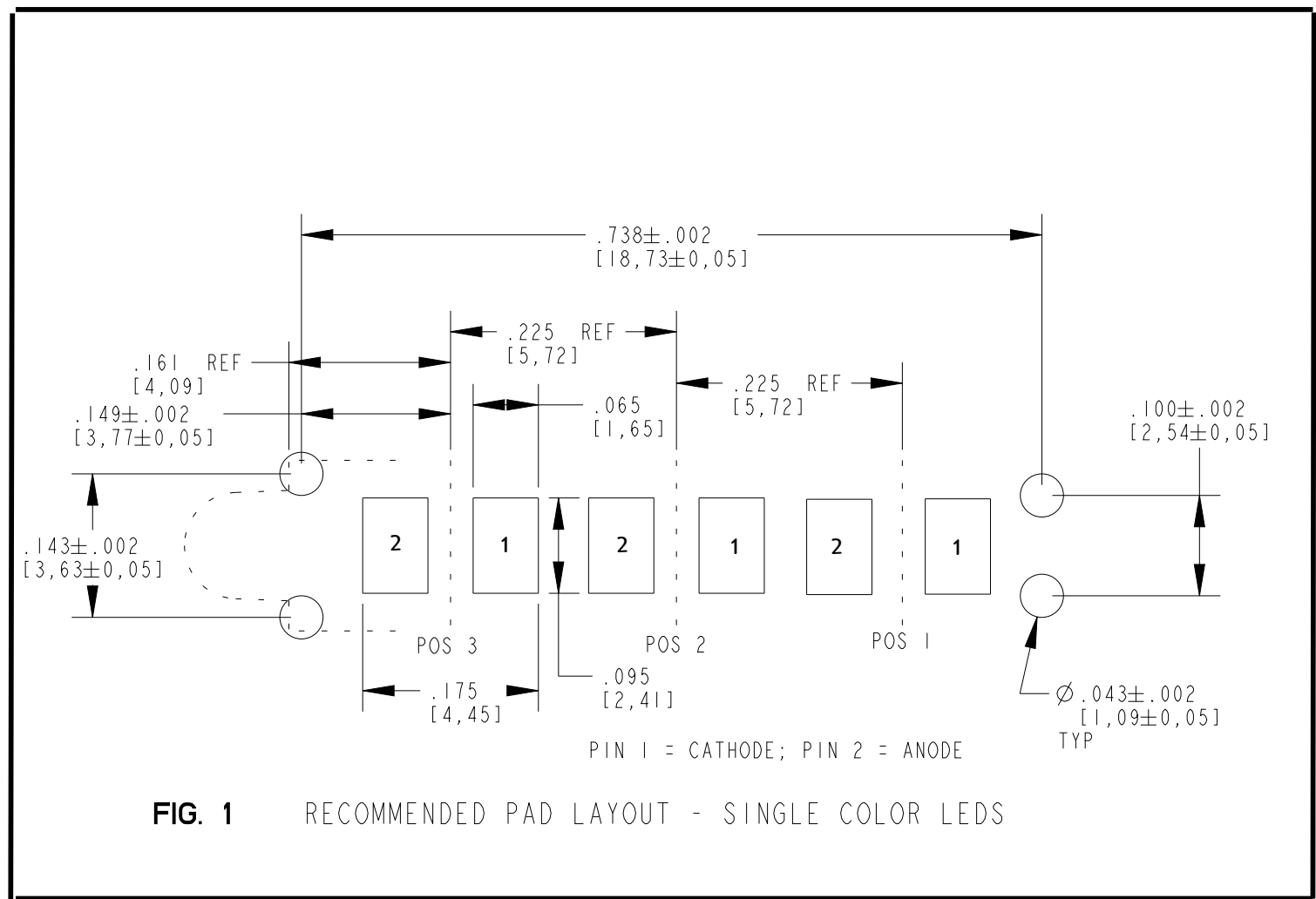


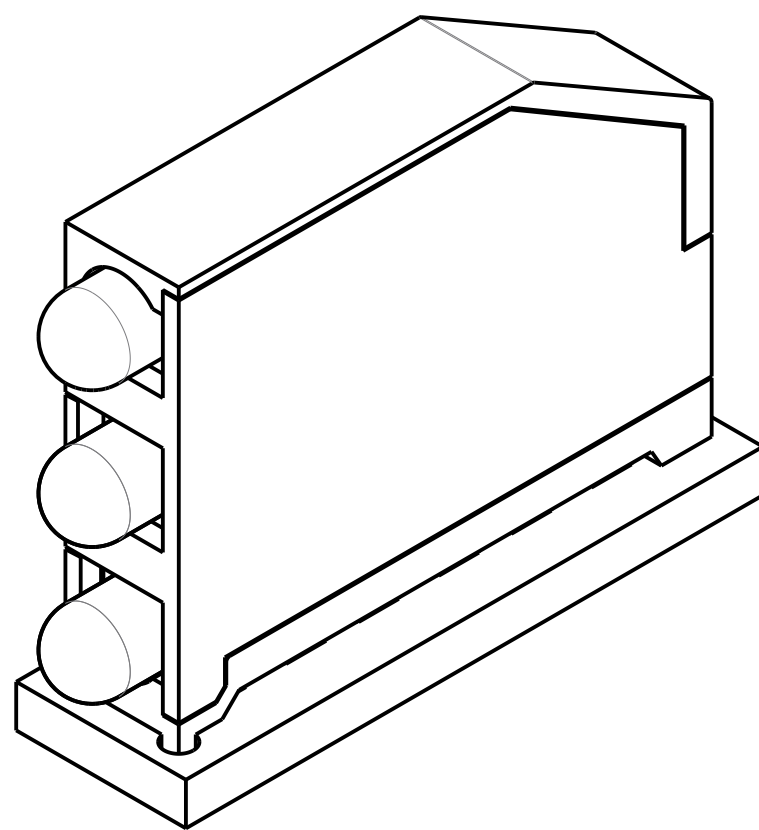
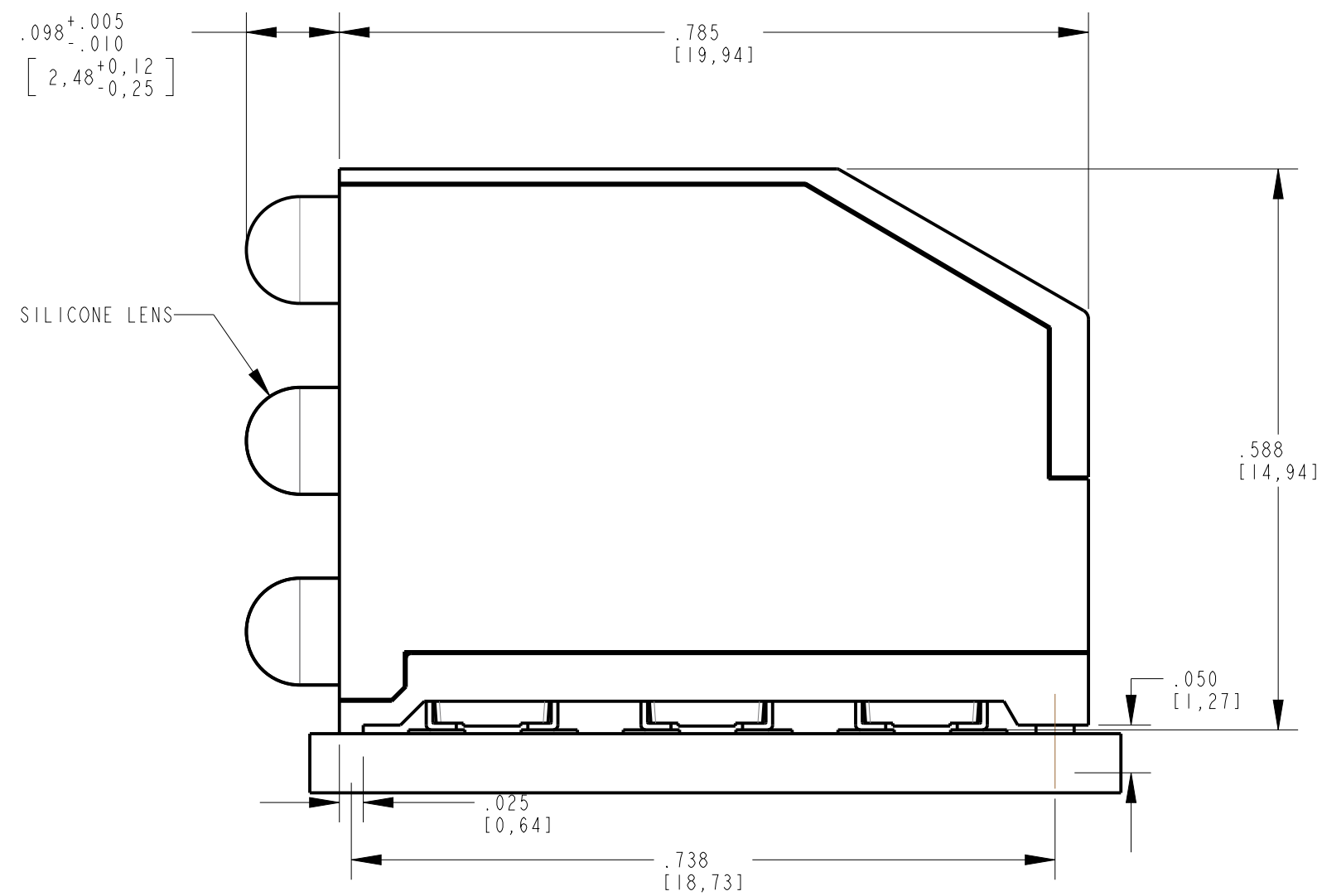
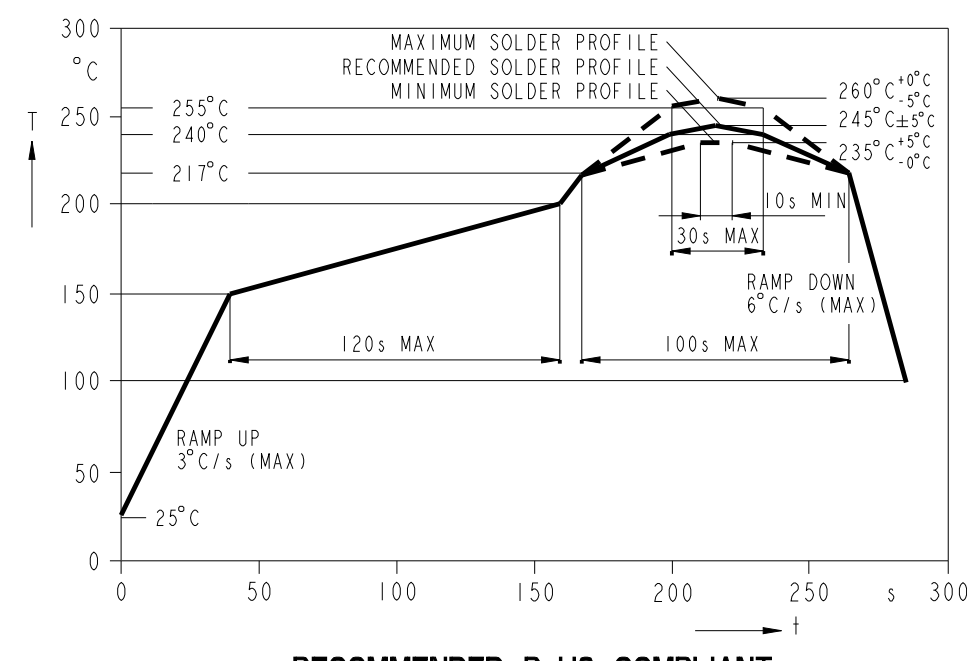
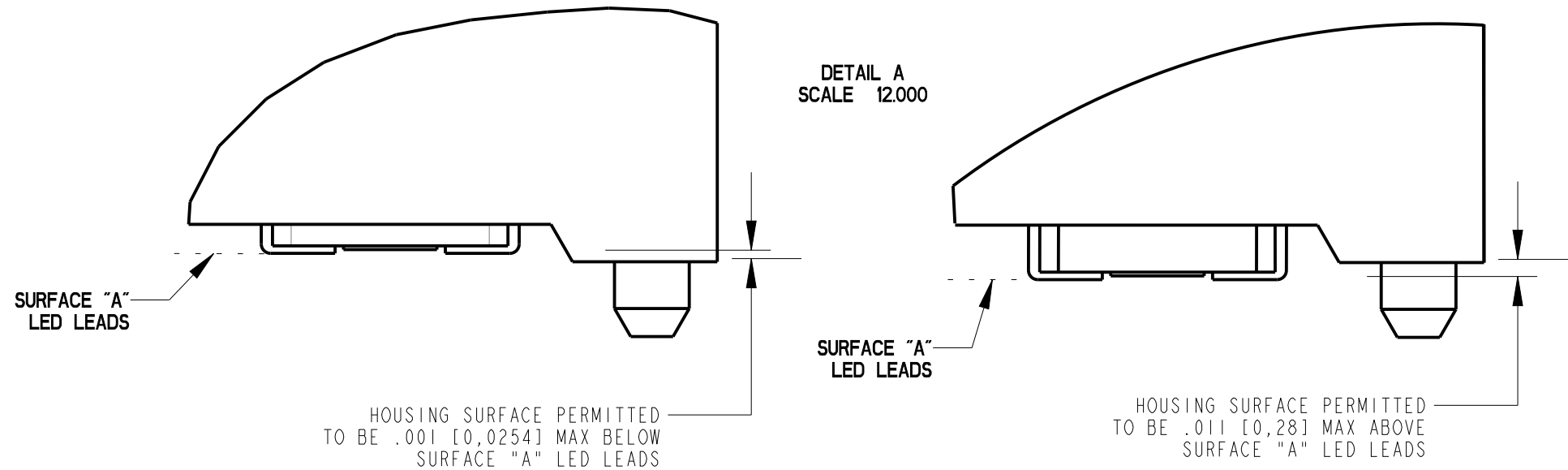
REV	REVISIONS	DRN	APP	DATE
A	NEW RELEASE	LD	NO	2-23-21

PART NUMBER	POSITION 1	POSITION 2	POSITION 3	MSL	PAD LAYOUT REFERENCE
593-202020-302NF	RED	RED	RED	2	FIG. 1
593-202020-313NF	RED	RED	YELLOW	2	FIG. 1
593-202024-302NF	RED	GREEN	YELLOW	2	FIG. 1
593-202324-313NF	RED	GREEN	YELLOW	2	FIG. 1
593-202324-313NF	RED	GREEN	BLUE	2	FIG. 1
593-202326-302NF	RED	YELLOW GREEN	RED	2	FIG. 1 & FIG. 2
593-202326-313NF	RED	YELLOW GREEN	RED	2	FIG. 1 & FIG. 2
593-212121-302NF	AlGaAs RED	AlGaAs RED	AlGaAs RED	3	FIG. 1
593-212130-302NF	AlGaAs RED	AlGaAs RED	SUPER RED GREEN	3	FIG. 1 & FIG. 2
593-212130-313NF	AlGaAs RED	GREEN	GREEN	3	FIG. 1
593-212222-302NF	AlGaAs RED	GREEN	BLUE	3	FIG. 1
593-212222-313NF	AlGaAs RED	GREEN	BLUE	3	FIG. 1
593-212729-302NF	AlGaAs RED	AlInGaP YELLOW	InGaN GREEN	3	FIG. 1
593-212729-313NF	GREEN	GREEN	AlGaAs RED	3	FIG. 1
593-222221-302NF	GREEN	AlInGaP YELLOW	AlGaAs RED	3	FIG. 1
593-222221-313NF	GREEN	RED/GREEN	RED	2	FIG. 1 & FIG. 2
593-223020-302NF	GREEN	GREEN	GREEN	2	FIG. 1
593-223020-313NF	GREEN	GREEN	GREEN	2	FIG. 1
593-232323-302NF	GREEN	YELLOW	RED	2	FIG. 1
593-232420-302NF	GREEN	YELLOW	YELLOW	2	FIG. 1
593-232420-313NF	GREEN	YELLOW	YELLOW	2	FIG. 1
593-232424-302NF	GREEN	BLUE	AlInGaP YELLOW	2	FIG. 1
593-232627-302NF	GREEN	GREEN	RED	2	FIG. 1
593-232627-313NF	GREEN	GREEN	RED	2	FIG. 1
593-242320-302NF	YELLOW	YELLOW	YELLOW	2	FIG. 1
593-242320-313NF	YELLOW	RED	RED	2	FIG. 1
593-242424-302NF	YELLOW	RED	RED	2	FIG. 1
593-242424-313NF	YELLOW	RED	RED	2	FIG. 1
593-272020-302NF	AlInGaP YELLOW	AlGaAs RED	InGaN GREEN	2	FIG. 1
593-272129-302NF	AlInGaP YELLOW	GREEN	GREEN	2	FIG. 1
593-272129-313NF	AlInGaP YELLOW	GREEN	GREEN	2	FIG. 1
593-272323-302NF	InGaN GREEN	AlInGaP YELLOW	AlGaAs RED	2	FIG. 1
593-272323-313NF	YELLOW GREEN	RED	RED	2	FIG. 1 & 2
593-292721-302NF	YELLOW GREEN	RED	RED	2	FIG. 1 & 2
593-292721-313NF	RED GREEN ALiF	RED GREEN ALiF	RED GREEN ALiF	2A	FIG. 2

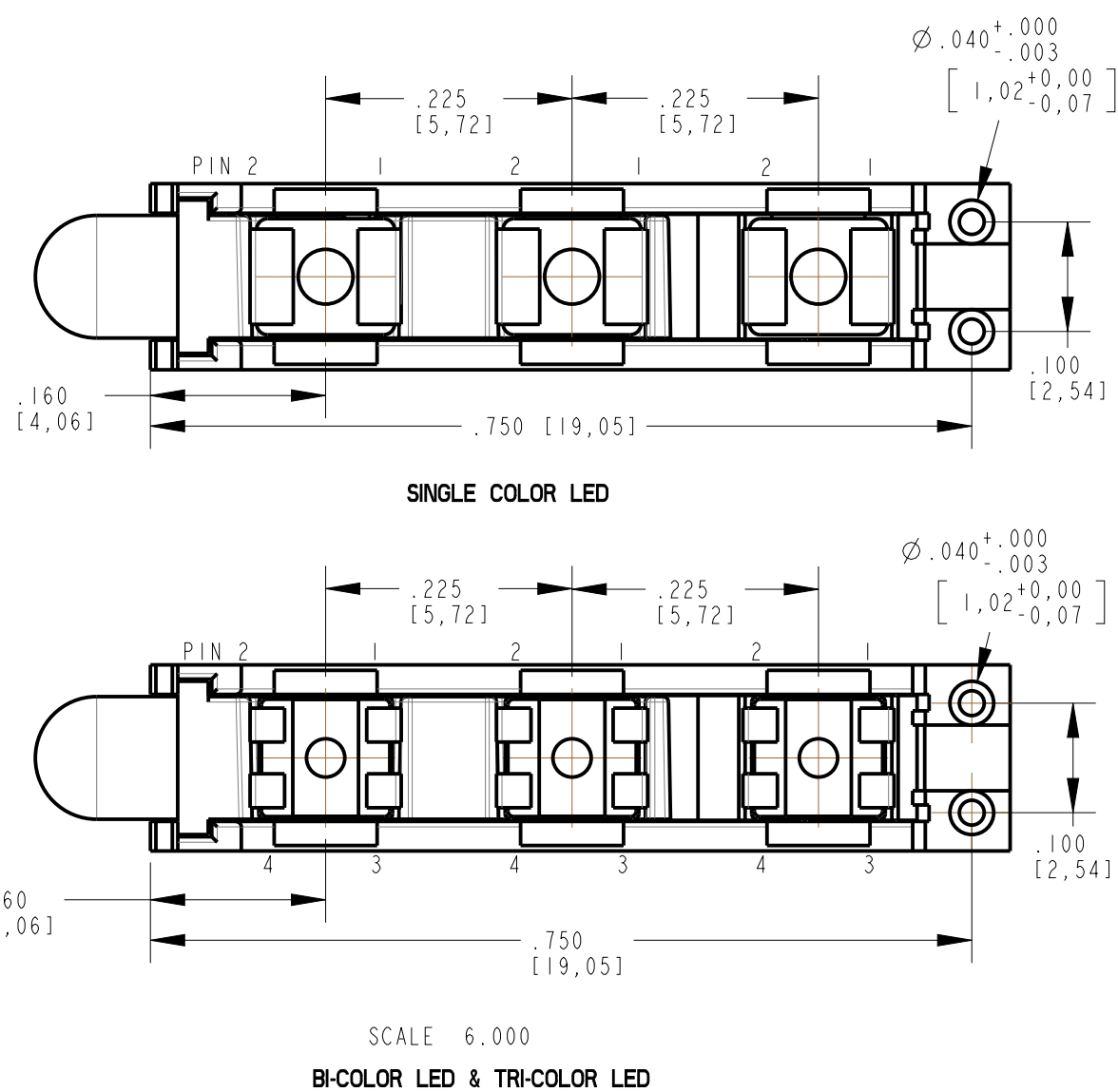
OPERATING CHARACTERISTICS AT 25°C AMBIENT									
COLOR CODE	COLOR	LUMINOUS INTENSITY	FORWARD VOLTAGE (V)			DOMINANT WAVELENGTH (nm)			
			TYP	TEST COND	TYP	MAX	MIN	TYP	MAX
10	RED 2mA	5 mcd @IF=2mA	IF = 2mA	1.7	2.2	624	630	636	
13	GREEN 2mA	4 mcd @IF=2mA	IF = 2mA	1.7	2.2	566	570	575	
14	YELLOW 2mA	4.3 mcd @IF=2mA	IF = 2mA	1.7	2.2	580	587	595	
15	ORANGE 2mA	7 mcd @IF=2mA	IF = 2mA	1.7	2.2	600	606	609	
20	RED	16 mcd @IF=10mA	IF = 20mA	2.0	2.5	627	633	639	
21	AlGaAs RED	41 mcd @IF=10mA	IF = 20mA	1.85	2.5	640	—	—	
22	HI, INT, GREEN	66 mcd @IF=10mA	IF = 20mA	2.0	2.5	566	570	575	
23	GREEN	66 mcd @IF=10mA	IF = 20mA	2.0	2.4	566	570	575	
24	YELLOW	66 mcd @IF=10mA	IF = 20mA	2.0	2.4	580	587	595	
26	BLUE	10 mcd @IF=20mA	IF = 30mA	3.1	3.7	465	471	477	
27	AlInGaP YELLOW	36 mcd @IF=20mA	IF = 10mA	2.0	2.4	580	587	595	
28	WHITE	62 mcd @IF=20mA	IF = 10mA	3.1	3.4	—	X ₃₃	—	
29	InGaAs GREEN	213 mcd @IF=20mA	IF = 20mA	3.7	4.3	—	Y ₃₃	—	
30	RED/GREEN BI-COLOR	RED	11 mcd @IF=10mA	IF = 10mA	2.0	2.5	622	628	634
		GREEN	6 mcd @IF=10mA	IF = 10mA	2.0	2.5	564	570	576
31	YELLOW/GREEN BI-COLOR	YELLOW	13 mcd @IF=10mA	IF = 10mA	2.0	2.5	584	590	596
		GREEN	6 mcd @IF=10mA	IF = 10mA	2.0	2.5	564	570	576
32	RED/YELLOW BI-COLOR	RED	34 mcd @IF=20mA	IF = 20mA	2.0	2.3	627	633	639
		YELLOW	26 mcd @IF=20mA	IF = 20mA	2.0	2.4	580	587	595
35	RED/GRN/BLUE TRI-COLOR	RED	45 mcd @IF=20mA	IF = 20mA	1.9	2.4	—	626	—
		GREEN	114 mcd @IF=20mA	IF = 20mA	3.4	4.05	515	525	535
		BLUE	25 mcd @IF=20mA	IF = 30mA	3.4	4.05	460	470	480



MULTI-COLOR LED PIN REFERENCES				
LED COLOR	PIN 1	PIN 2	PIN 3	PIN
R/Y BI-COLOR	RED CATHODE	RED ANODE	YELLOW ANODE	YELLOW CATHODE
Y/G BI-COLOR	YELLOW CATHODE	YELLOW ANODE	GREEN ANODE	GREEN CATHODE
R/G BI-COLOR	RED CATHODE	RED ANODE	GREEN ANODE	GREEN CATHODE
R/G/B TRI-COLOR	RED CATHODE	COMMON ANODE	GREEN CATHODE	BLUE CATHODE



- NOTES:
1. PRODUCT P/W'S WITH "F" SUFFIX ENDING ARE RoHS COMPLIANT. LED LEADS ARE PLATED TIN (Sn) WITH NICKEL (Ni) UNDERPLATE ON COPPER (Cu) LEADS.
 2. STORAGE OF TAPED PARTS SHOULD BE LIMITED TO TWELVE (12) MONTHS AFTER WHICH RE-PACKAGING IS REQUIRED.
 3. FRONT AND REAR TERMINALS [OF EACH LED] OF THE ASSEMBLY TO BE WITHIN .005 COPLANARITY.
 4. REFER TO CHART FOR PROPER MOISTURE SENSITIVITY LEVEL.
- *** CAUTION ***
- FOR PRODUCTS THAT ARE ESD SENSITIVE, OBSERVE PRECAUTIONS IN HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.
- THIS PRODUCT IS RoHS COMPLIANT. EACH BAG IS MARKED WITH RoHS COMPLIANT LABEL OR EQUIVALENT MARKINGS. LED MUST BE Pb FREE (RoHS COMPLIANT).
- DIALIGHT PART NUMBERS: 593-XXXXXX-302NF (STRIP)
593-XXXXXX-313NF (REFL)



**ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES**

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.			
SCALE: 6" = 1'-0"		DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)		C-18504	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TITLE	
FRACTIONS: ±1/64		TRI-LEVEL PRISM	
DECIMALS: ±.001		MATERIAL	
FRACTIONS: ±.0005		RoHS COMPLIANT	
DECIMALS: ±.0005		FINISH:	
ANGLES: ±3°		Dialight	
FSCM 83330		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
SHEET 1 OF 1		FAMILY TABLE:	