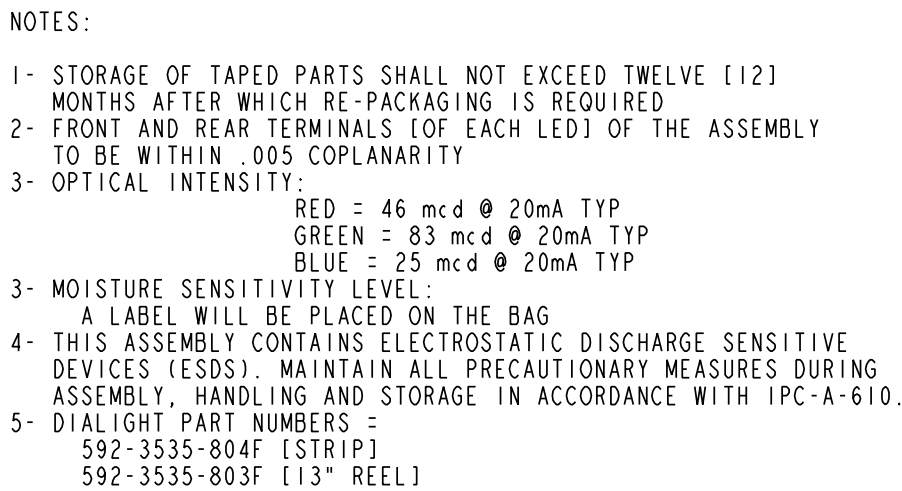
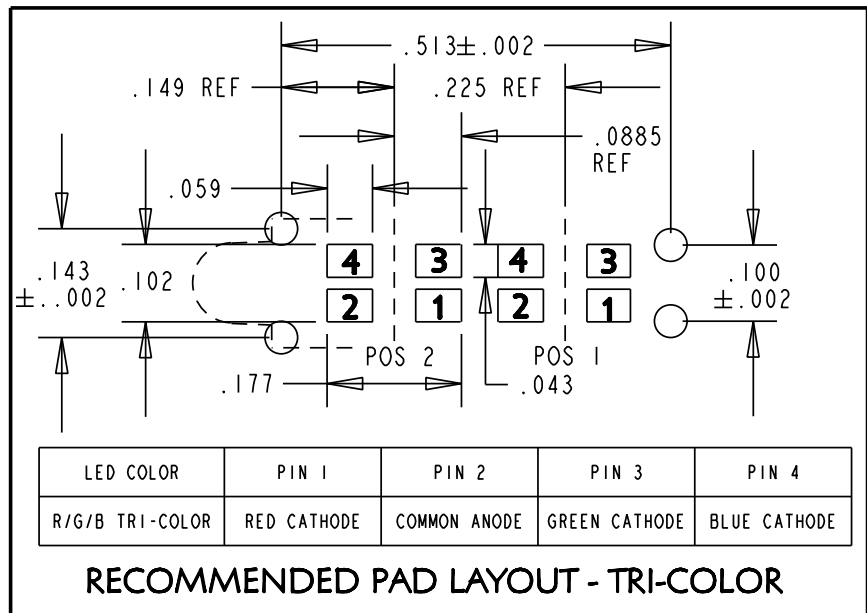
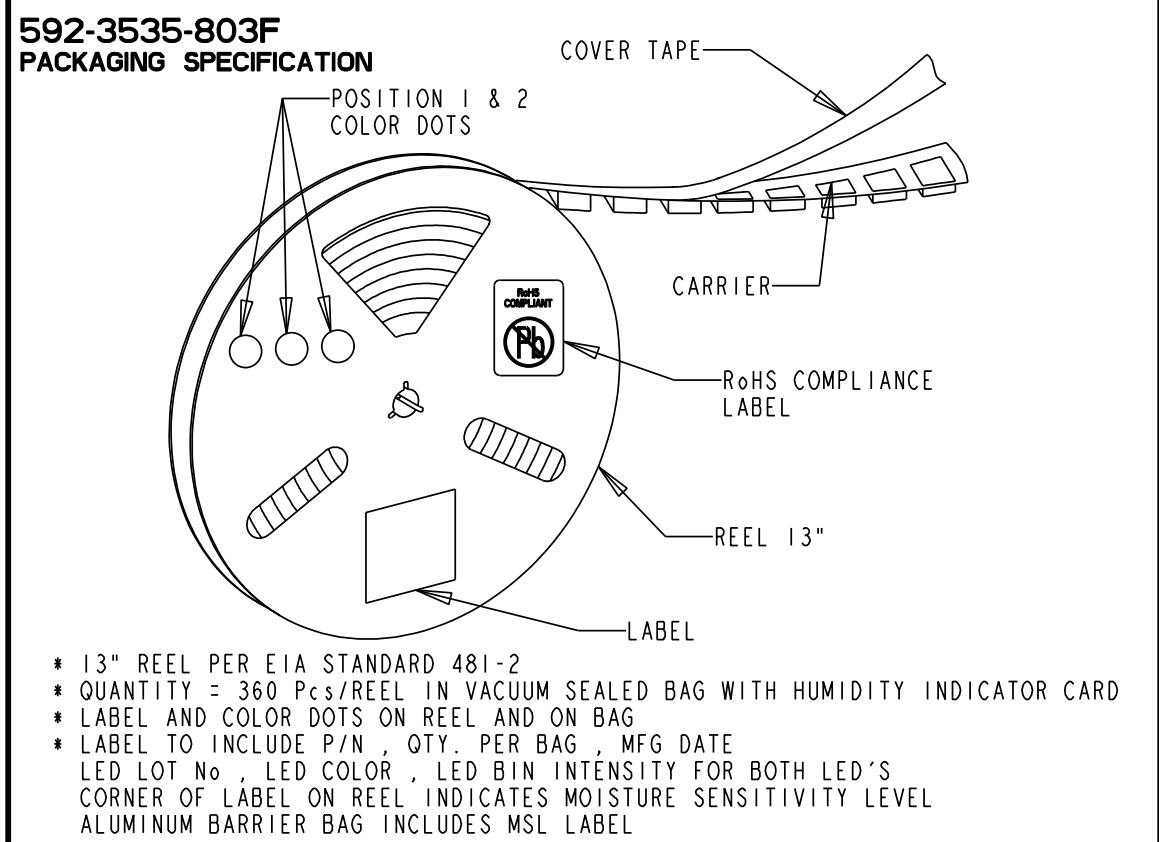




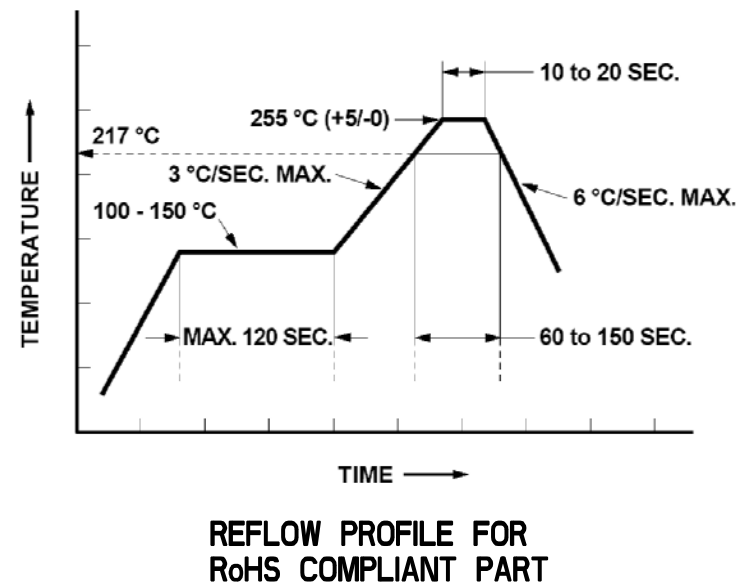
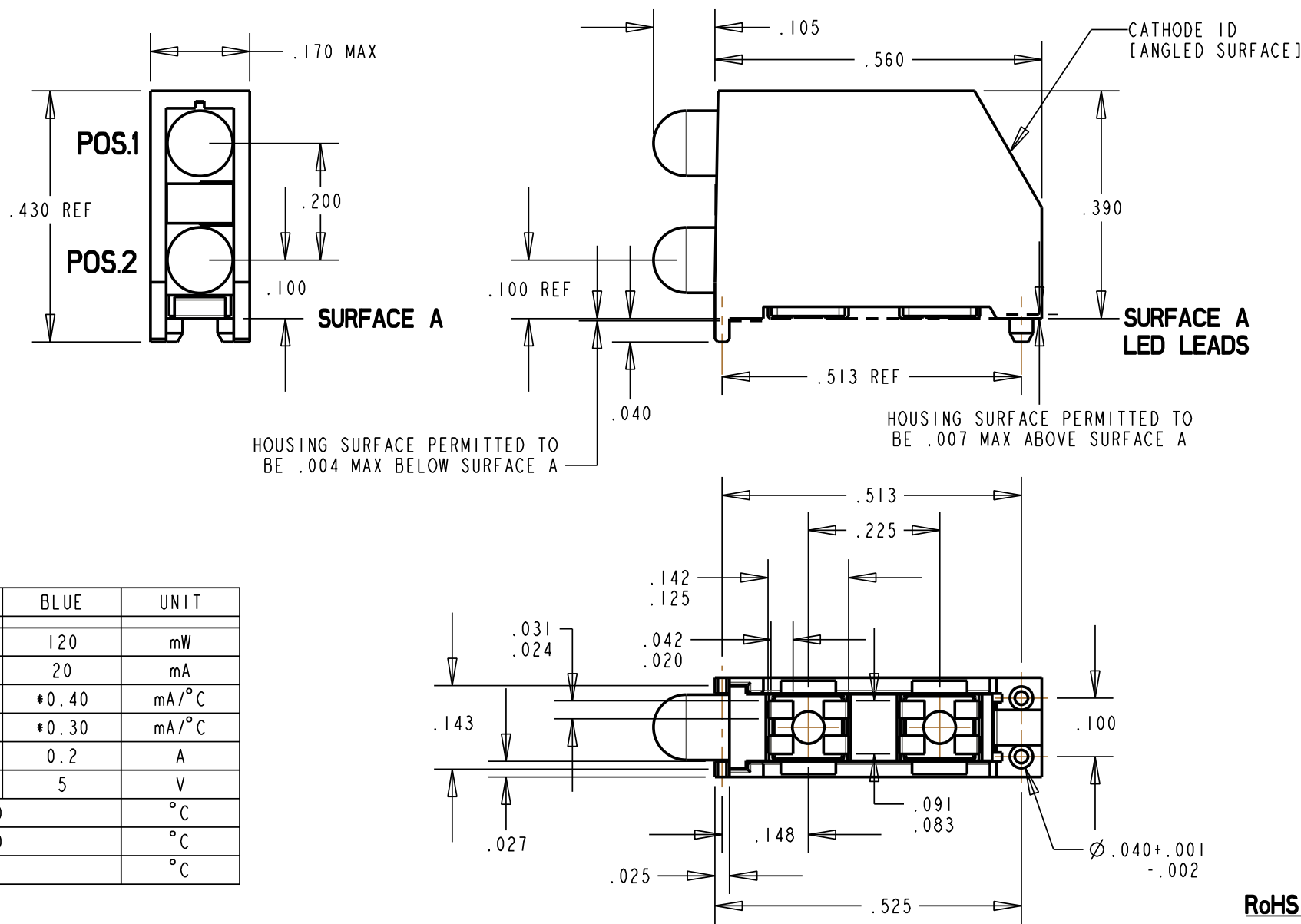
ABSOLUTE MAXIMUM RATINGS AT 25 °C AMBIENT	RED	GREEN	BLUE	UNIT
POWER DISSIPATION (TOTAL)	72	120	120	mW
CONTINUOUS FORWARD CURRENT (SINGLE CHIP)	30	20	20	mA
DERATE LINEARLY FROM 80°C (*BLUE & GREEN FROM 70°C) BASED ON 1 CHIP ON	1.00	•0.67	•0.40	mA/°C
DERATE LINEARLY FROM 65°C (*BLUE & GREEN FROM 50°C) BASED ON 3 CHIPS ON	0.75	•0.30	•0.30	mA/°C
SURGE CURRENT	0.5	0.5	0.2	A
REVERSE VOLTAGE	5	5	5	V
OPERATING TEMPERATURE RANGE	-55 TO +100			°C
STORAGE TEMPERATURE RANGE	-55 TO +100			°C
JUNCTION TEMPERATURE	+110			°C



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES



PART NUMBER	POSITION 1	POSITION 2	MOISTURE LEVEL
592-3535-803F	RED/GREEN/BLUE	RED/GREEN/BLUE	2a
592-3535-804F			



RoHS Compliant 592-3535-80XF Bi-level Surface Mount Prism

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 592-3535-803F
The bag and reel are marked with "RoHS Compliant" label or equivalent markings. Parts can be reflow soldered to the Reflow Profile shown using typical lead-free soldering process with max 260°C peak temp.

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SCALE: 4.000		DRAWING NUMBER C-17404	REV A
ALL DIM'S IN: INCHES (MM)			
TOLERANCES: UNLESS OTHERWISE SPECIFIED		TITLE BI-LEVEL PRISM, TRI-COLOR, R,G,B/R,G,B, ROHS COMPLIANT	
FRACTIONS: ±1/64			
DECIMALS (.XX): ±.02			
DECIMALS (.XXX): ±.005			
DECIMALS (.XXXX): ±.0015		MATERIAL	
ANGLES: ±3°			
FINISH:		 1501 ROUTE 34 SOUTH FARMINGDALE, NY 07727	
FSCM 83330			
SHEET		OF	FAMILY TABLES: