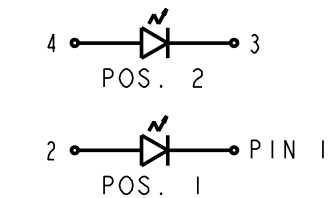


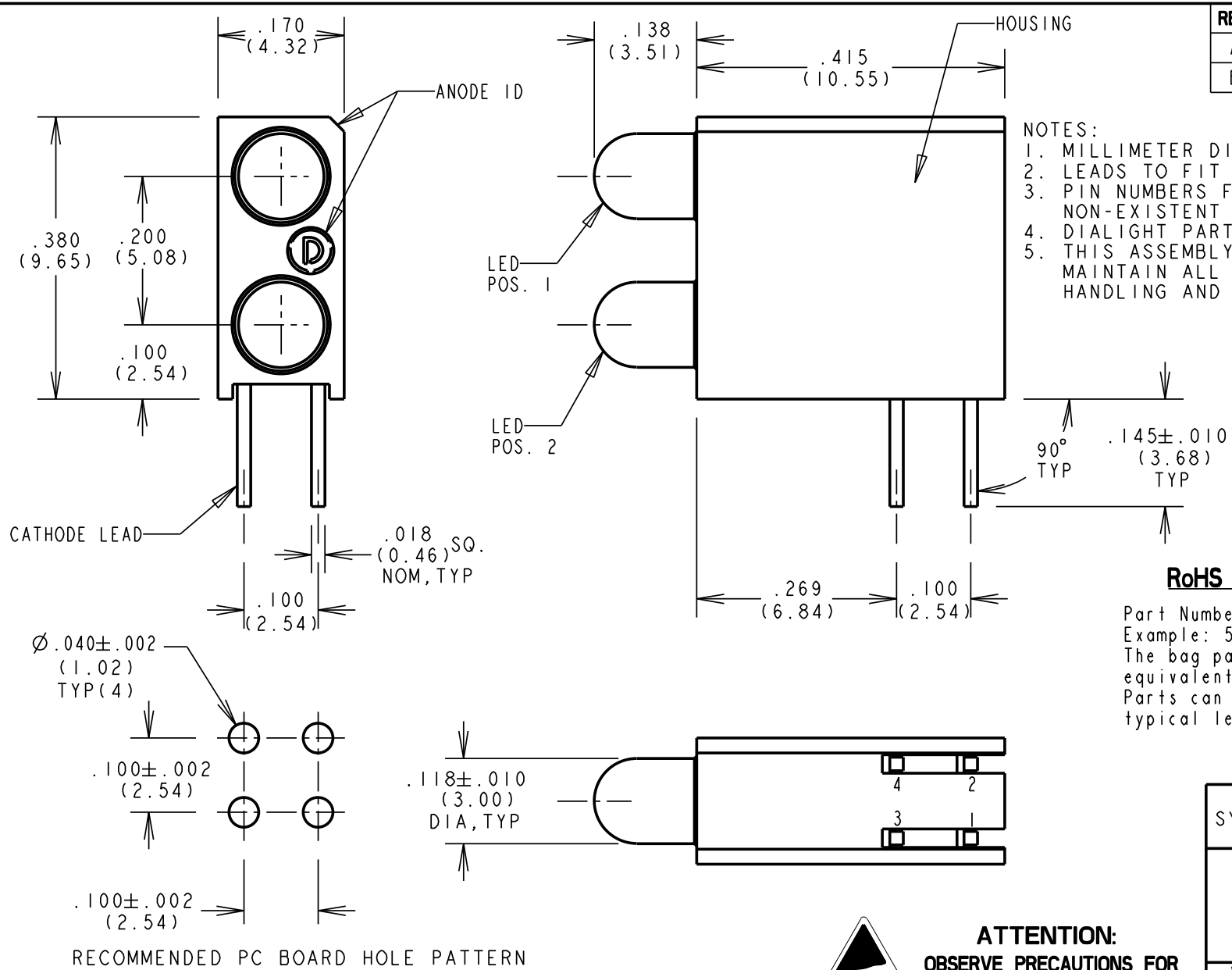
PART NUMBER	LED COLOR(DIFFUSED)	
	POSITION 1	POSITION 2
553-0101-200F	BLANK	RED
553-0102-200F	BLANK	GREEN
553-0103-200F	BLANK	YELLOW
553-0110-200F	RED	BLANK
553-0111-200F	RED	RED
553-0112-200F	RED	GREEN
553-0113-200F	RED	YELLOW
553-0120-200F	GREEN	BLANK
553-0121-200F	GREEN	RED
553-0122-200F	GREEN	GREEN
553-0123-200F	GREEN	YELLOW
553-0128-200F	GREEN	BLUE
553-0130-200F	YELLOW	BLANK
553-0131-200F	YELLOW	RED
553-0132-200F	YELLOW	GREEN
553-0133-200F	YELLOW	YELLOW
553-0183-200F	BLUE	YELLOW
553-0188-200F	BLUE	BLUE
553-0201-200F	BLANK	RED
553-0202-200F	BLANK	GREEN
553-0203-200F	BLANK	YELLOW
553-0210-200F	RED	BLANK
553-0211-200F	RED	RED
553-0212-200F	RED	GREEN
553-0213-200F	RED	YELLOW
553-0220-200F	GREEN	BLANK
553-0222-200F	GREEN	GREEN
553-0232-200F	YELLOW	GREEN
553-0233-200F	YELLOW	YELLOW
553-0311-200F	RED	RED
553-0322-200F	GREEN	GREEN
553-0333-200F	YELLOW	YELLOW



LEAD CONFIGURATION

2 mA LOW CURRENT LED. OPERATING CHARACTERISTICS AT 25°C AMBIENT FOR 553-02XX-400)						
CHARACTERISTICS		MIN	TYP	MAX	UNITS	TEST COND.
LUMINOUS INTENSITY		1.0	1.6		mcd	I _F = 2 mA
		1.0	1.6			
		1.0	1.6			
FORWARD VOLTAGE			1.7	2.2	V	I _F = 2 mA
	YELLOW		1.8	2.7		
	GREEN		1.9	2.2		
REVERSE VOLTAGE		5			V	I _R = 10 μA
PEAK WAVELENGTH			635		nm	MEASURED AT PEAK
			585			
			565			
VIEWING ANGLE			60		Degree	

5 V., INTEGRAL RESISTOR LED OPERATING CHARACTERISTICS AT 25°C AMBIENT (FOR 553-03XX-400)						
CHARACTERISTICS	L.E.D. COLOR	MIN	TYP	MAX	UNITS	TEST COND.
LUMINOUS INTENSITY	RED	8.7	29		mcd	$V_F = 5\text{ V}$
	YELLOW	3.7	12.6			
	GREEN	5.6	19			
FORWARD CURRENT	RED		10	20	mA	$V_F = 5\text{ V}$
	YELLOW		10	20		
	GREEN		12	20		
REVERSE VOLTAGE	ALL	5			V	$I_R = 100\mu\text{A}$
PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
	YELLOW		585			
	GREEN		565			
VIEWING ANGLE	ALL		60		Degree	



NOTES:

1. MILLIMETER DIMENSIONS SHOWN FOR REFERENCE ONLY.
2. LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
3. PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION
NON-EXISTENT ON PART.
4. DIALIGHT PART NUMBER: 553-0XXX-200F.
5. THIS ASSEMBLY CONTAINS ELECTROSTATIC SENSITIVE DEVICES(ESDS).
MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY,
HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.

RoHS Compliant 553-0xxx-200F Thru hole Bi-level CBI

Part Numbers with the "F" suffix ending are RoHS Compliant.
Example: 553-0101-200F, 553-0333-200F
The bag 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 $T_A = 25^\circ\text{C}$

SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
V_F	FORWARD VOLTAGE	RED		2.0	2.8	V	$I_F = 10 \text{ mA}$
		YELLOW		2.1	2.8		
		GREEN		2.1	2.8		
		BLUE		3.5	4.2		
V_R	REVERSE VOLTAGE	ALL	5.0			V	$I_R = 100 \mu\text{A}$
λ_{PK}	PEAK WAVELENGTH	RED		635		nm	MEASURED AT PEAK
		YELLOW		585			
		GREEN		565			
		BLUE		428			
I_V	LUMINOUS INTENSITY	RED	7.4	10.0		mcd	$I_F = 20 \text{ mA}$
		YELLOW	7.4	10.0			
		GREEN	4.7	12.6			
		BLUE	6.3		20	mcd	$I_F = 10 \text{ mA}$

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SCALE: 5:1	DRAWING NUMBER		REV
ALL DIM'S IN: INCHES (MM)	C-17269		B
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE CBI, 3MM BI-LEVEL, CATHODE LEFT, ROHS COMPLIANT		
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$	MATERIAL		
FINISH:			1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727
FSCM 83330	SHEET 1 OF 1		FAMILY TABLE: