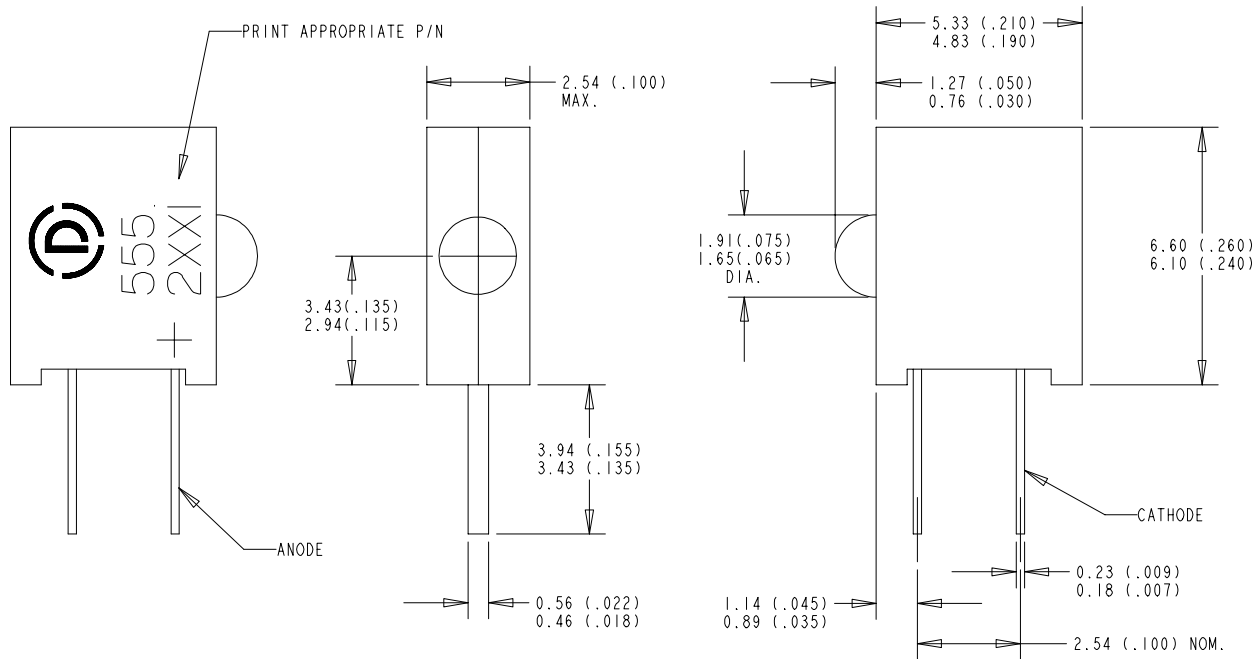


OPERATING CHARACTERISTICS AT 25°C AMBIENT

CHARACTERISTICS	CAT. NO.	LED COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	555-2001	RED	2.0	8.0		mcd	IF = 20 mA
	555-2301	GREEN	5	14			IF = 20 mA
	555-2401	YELLOW	14	20			IF = 20 mA
FORWARD VOLTAGE	555-2001	RED		1.6	2.0	V	IF = 20 mA
	555-2301	GREEN		2.1	3.0		
	555-2401	YELLOW		2.0	3.0		
PEAK WAVELENGTH	555-2001	RED		655		nm	
	555-2301	GREEN		565			
	555-2401	YELLOW		583			
VIEWING ANGLE	ALL	ALL		90		Degree	

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT	RED	GREEN	YELLOW	UNITS
POWER DISSIPATION	80	80	60	mW
DC FORWARD CURRENT	50	30	20	mA
REVERSE VOLTAGE	5	5	5	V
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	1000	90	60	mA
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260	260	260	°C
OPERATING TEMPERATURE	-55 TO +100	-40 TO +100	-55 TO +100	°C
STORAGE TEMPERATURE	-55 TO +100	-55 TO +100	-55 TO +100	°C



REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
G	-----	REVISED HOUSING STYLE AND CHANGED ALL VIEWS AND DIM'S. ADDED NEW NOTE 1,2,3,4,5 & 6. UP-DATE ALL LED SPECS. SEPERATE FROM C-15314 REV "F". REDRAWN ONTO PRO-E.	DC	G.Z.	N.O.	5-25-01
H	-----	CHANGED 2.62(.103)/2.46(.097) TO 2.54(.100) MAX. 4.45(.175) TO 3.94(.155). ADD 3.43(.135) /2.94(.115) AND 1.91(.075)/1.65(.065) DIA.. DELETED 3.43(.135)/2.94(.115).REMOVED "PROC. P/N & REV" FROM NOTE 1, AND HEAT STAKE PINS. ADDED HSG SPLITTING LINE ON LED FACE.	DC	A.M.	N.O.	9-28-01
J	-----	DELETED NOTE 6.PIN-THRU-HOLE COMPONENTS DO NOT NEED MOISTURE PRECAUTION LABEL.	DC	A.M.	N.O.	5-15-02
K	-----	ADDED "POWER DISSIPATION" & "REVERSE VOLTAGE" SPECS. 555-2001 TEST. CONDITIONS IF=20mA WAS 3 mA. LUMINOUS INTENSITY MIN. 2.0 WAS 0.3; TYP. 8.0 WAS 1.2.	DC			

NOTES:

1. PACKAGING TO BE 100 PER FOIL ANTI-MOISTURE BARRIER BAG WITH DESICCANT. MARK LABEL WITH DIALIGHT LOGO, CATALOG P/N 555-2XX1, DATE CODE, LOT #, QTY/BAG, COUNTRY OF ORIGIN: MALAYSIA.
2. ALL DIMENSIONS ARE IN MILLIMETRES (INCHES).
3. LED LEADS-OLIN 194 COPPER ALLOY WITH 85% Sn/15% Pb.
4. REQUIRES EXTERNAL RESISTOR.
5. DIALIGHT PART NO. 555-2001, 555-2301, 555-2401.

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SCALE 8:1	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES (MM)	C-16818	D
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	2 mm RIGHT ANGLE SINGLE CBI	
DECIMALS (.XX): ±.020	MATERIAL	
DECIMALS (.XXX): ±.015	Dialight	
ANGLES: ±3°	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727	
FINISH:	SHEET OF FAMILY TABLE:	
FSCM 83330		