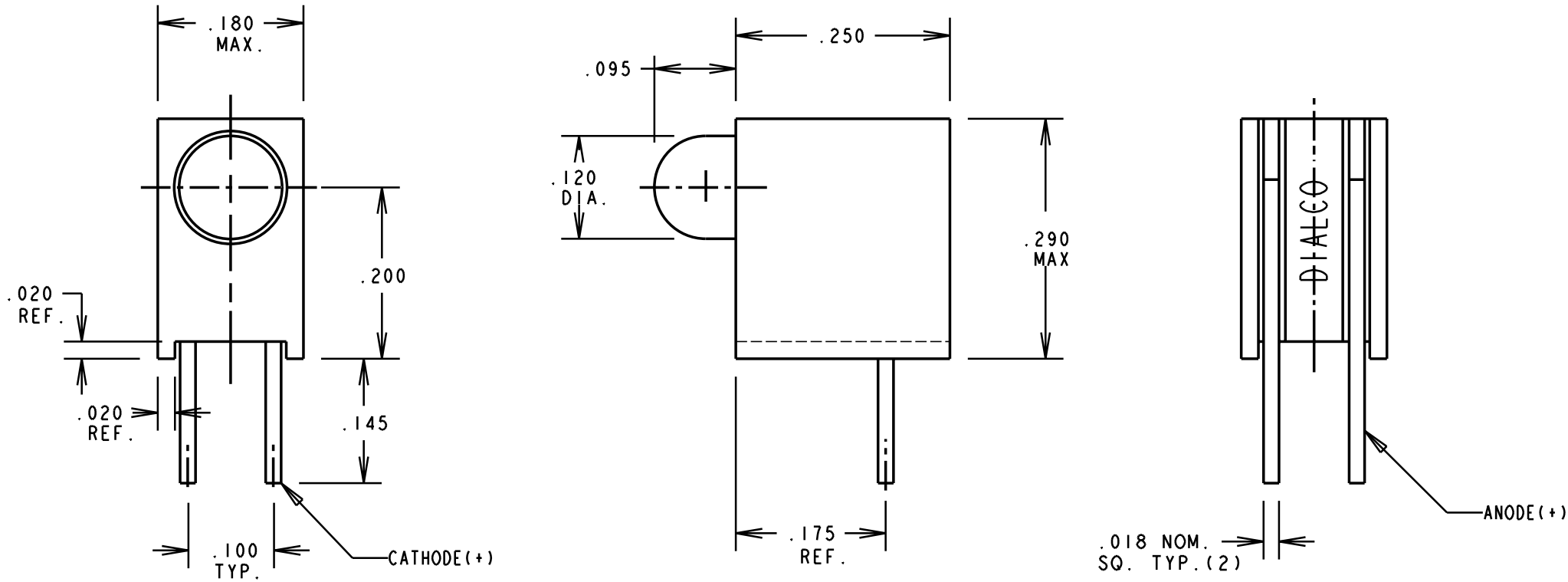


PART NUMBER	LED COLOR
551-0001-840	RED DIFF.
551-0001-841	YELLOW DIFF.
551-0001-842	GREEN DIFF.



REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	---	RED LED FORWARD DC CURRENT 30 mA WAS 25 mA, YELLOW LED PEAK WAVELENGTH 583 nm WAS 585 nm, LED LEAD THICKNESS .018 NOM. WAS .018 ±.002.	DC		---	---
B	---	RED 4.0 mcd was 2.0 & 8.5 WAS 2.5, YELLOW 6.0 mcd was 2.0 & 10.0 was 3.0, GREEN 4.0 mcd WAS 1.0 & 6.0 WAS 2.0	DC		M.C.	5-29-92
C	---	PEAK FWD CURRENT RED 120 AND 100 WAS 90 & 135; FWD VOLTAGE RED 2.0 & 2.8 WAS 2.2 & 3.0; LUMINOUS INTENSITY RED 7.4 & 10.0 WAS 4.0 & 8.5; ADD TEST CONDITION FOR RED & NOTE 1.	TC	AV	N.O.	11-17-98
D	---	FOR GREEN LED PEAK FWD CURRENT 120 WAS 90; POWER DISS. 100 WAS 135; OPERATING TEMP. -55 WAS -20; FWD VOLT 2.1 WAS 2.3, 2.8 WAS 3.0; LUM. INT. 4.7 WAS 4.0, 12.6 WAS 6.0.	TC	DC	N.O.	3-12-99
E	---	REVISED YELLOW LED SPECS.	TC			

NOTES:
1. DIALIGHT PART NUMBER: 551-0001-840, -841, -842.

LED ELECTRO-OPTICAL CHARACTERISTICS

PARAMETER	RED	YELLOW	GREEN	UNITS	TEST COND.	SPECS
PEAK FORWARD CURRENT (1ms, 1/5 DUTY)	120	80	120	mA	N/A	ABSOLUTE MAXIMUM RATINGS AT T _A = 25 °C
POWER DISSIPATION	100	60	100	mW		
FORWARD DC CURRENT	30	20	30	mA		
OPERATING TEMPERATURE	-55 °C TO +100 °C		-55 °C TO +100 °C	°C		
STORAGE TEMPERATURE	-55 °C TO +100 °C			°C		
LEAD SOLDERING TEMP. (1/16" FROM CASE)	260 °C FOR 5 SECONDS			°C		
FORWARD VOLTAGE	TYP	2.0 *	2.1	2.1 *	V	*I _F = 20 mA
	MAX	2.8 *	2.8	2.8 *		
REVERSE BREAKDOWN VOLTAGE	5			V	I _R = 100 uA	OPERATING CHAR. AT T _A = 25 °C
PEAK WAVELENGTH	635	585	565	nm	MEAS. AT PEAK	
LUMINOUS INTENSITY	MIN	7.4	7.4	4.7	mc d	
	TYP	10.0	10.0	12.6		

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	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-15408	E
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: ±1/64	MATERIAL	
DECIMALS (.XX): ±.02	Dialight	
DECIMALS (.XXX): ±.015	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736	
ANGLES: ±3°	FSCM 83330	
FINISH:	SHEET	OF
	FAMILY TABLE:	