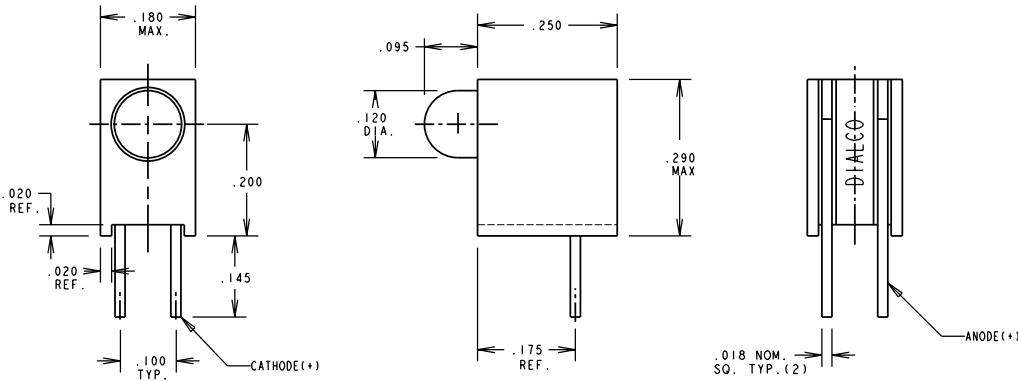


PART NUMBER	LED COLOR
551-0001-840	RED DIFF.
551-0001-841	YELLOW DIFF.
551-0001-842	GREEN DIFF.



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	11-17-98
D	---	FOR GREEN LED PEAK FWD CURRENT 120 WAS 90; POWER DISSIP. 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 (IMS, 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	OPERATING CHAR. AT T _A = 25 °C
	MAX 2.8 #	2.8	2.8 #		I _R = 100 uA	
REVERSE BREAKDOWN VOLTAGE	5			V		
PEAK WAVELENGTH	635	585	565	nm	MEAS. AT PEAK	
LUMINOUS INTENSITY	MIN 7.4	7.4	4.7	mcd	● RATED CURRENT	
	TYP 10.0	10.0	12.6			

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SCALE: 6:1	DRAWING NUMBER	REV
ALL DIM'S IN INCHES TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XXX): ±.02 DECIMALS (.XXXX): ±.015	C-15408	E
ANGLES: 8° FINISH:	TITLE	MATERIAL
FSCN 83330	Dialight	1913 ATLANTIC AVE. MANASQUAN, N.J. 08736
	SHEET OF	FAMILY TABLE: