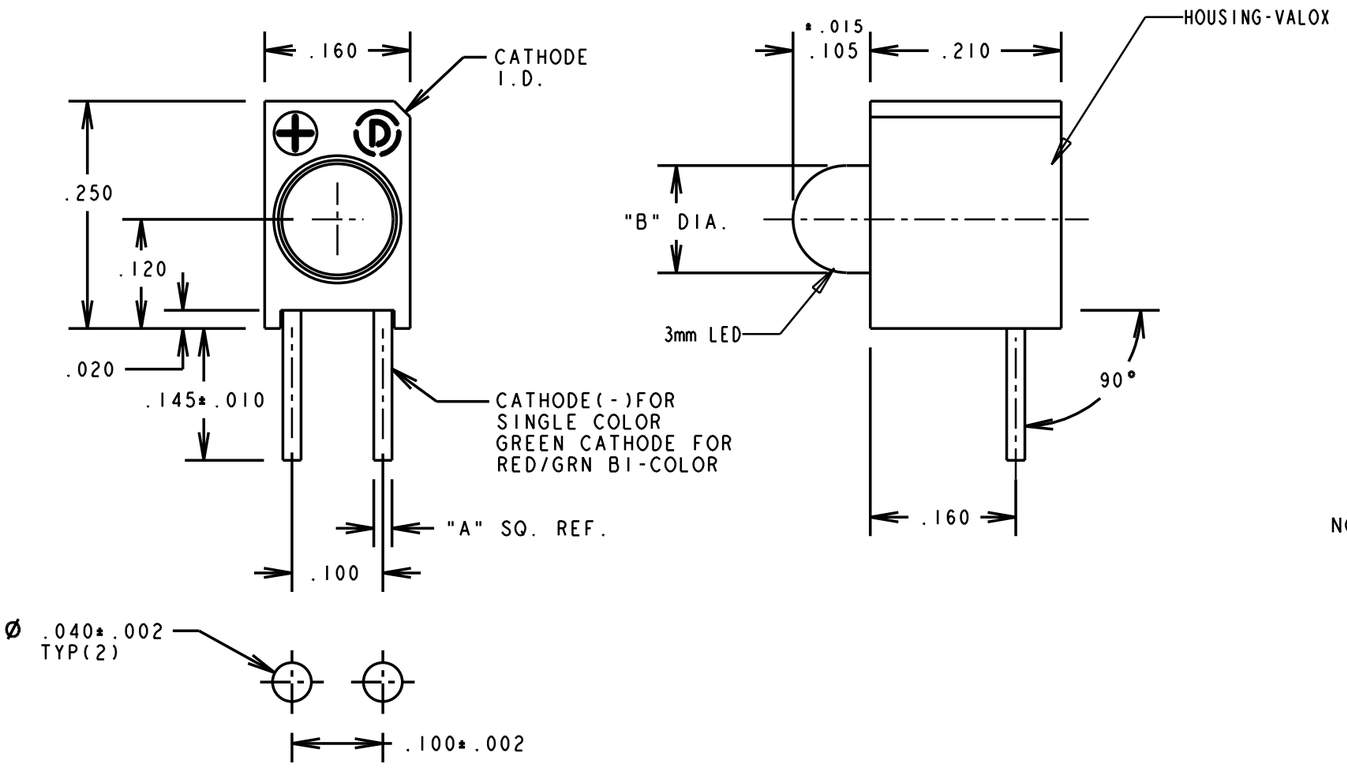
PART NUMBER	LED COLOR	"A" DIMENSION	"B" DIMENSION	CUSTOMER P/N REF.
551-0001-875	GREEN DIFFUSED	.018	.118±.010	4061100
551-0001-876	YELLOW DIFFUSED	.018	.118±.010	4061102
551-0001-877	RED/GREEN BI-COLOR	.020	.118±.010	4061105

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A	——	NEW RELEASE	DC		N.O.	7-25-95
B	——	.XXX TOLERANCE CHANGED TO ±.010;ADDED MATERIAL "VALOX" TO HOUSING.	DC		N.O.	8-22-95
C	——	DELETED REVERSE VOLTAGE SPEC, NOT APPLICABLE ON A 2 LEADED BI-COLOR LED.	TC		N.O.	5-11-98
D	——	REVISED GREEN AND YELLOW LED SPECS.; ADDED NOTE 2; "B" DIMENSION .118 ±.010 WAS .115 ±.010.	TC		N.O.	



RECOMMENDED P.C. BOARD HOLE PATTERN

NOTES:

1. PACKAGE 100 PC'S PER 4"×5" ANTISTATIC AUTOBAG WITH P/N, QTY, DATE CODE AND MFG PRINTED ON BAG. PLACE 5 BAGS OF 100 PC'S EACH INTO AN APPROPRIATE SIZE ANTISTATIC ZIP LOCK BAG WITH APPROPRIATE BAR CODE LABEL.
   IN BAR CODE & HUMAN READABLE FORMAT:CUSTOMER P/N;DIALIGHT P/N; P.O.NUMBER;QTY PER BAG;DATE CODE. THE BAR CODE LABEL TO BE APPLIED TO BAG AND INNER CARTON. REFERENCE:CUSTOMER SPEC.:QP012.
2. DIALIGHT PART NUMBER: 551-0001-875, -876, -877.

RED/GRN BI-COLOR LED
OPERATING CHARACTERISTICS AT T_A =25°C

SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
V_F	FORWARD VOLTAGE	RED		1.8	2.4	V	I_F = 20 mA
		GREEN		2.1	2.8		
λ_D	PEAK WAVELENGTH	RED		660		nm	
		GREEN		565			
I_V	LUMINOUS INTENSITY	RED	3.7	12.6		mcd	I_F = 20 mA
		GREEN	1.1	3.7			

SINGLE-COLOR LED
OPERATING CHARACTERISTICS AT T_A =25°C

SYMBOL	PARAMETER	COLOR	MIN	TYP	MAX	UNITS	TEST COND.
V_F	FORWARD VOLTAGE	YELLOW		2.1	2.8	V	I_F = 20 mA
		GREEN		2.1	2.8		
λ_D	PEAK WAVELENGTH	YELLOW		585		nm	
		GREEN		565			
I_V	LUMINOUS INTENSITY	YELLOW	7.4	10.0		mcd	I_F = 10 mA
		GREEN	4.7	12.6			
V_R	REVERSE VOLTAGE	ALL	5			V	I_R =100 µA

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SCALE 6:1
ALL DIM'S IN: INCHES
TOLERANCES: UNLESS OTHERWISE SPECIFIED
FRACTIONS: ±1/64
DECIMALS (.XX): ±.020
DECIMALS (.XXX): ±.015
ANGLES: ±3°
FINISH:
FSCM 83330

DRAWING NUMBER C-15999
REV D
TITLE
MATERIAL

Dialight
1913 ATLANTIC AVE.
MANASQUAN, N.J. 08736

SHEET OF
FAMILY TABLE: