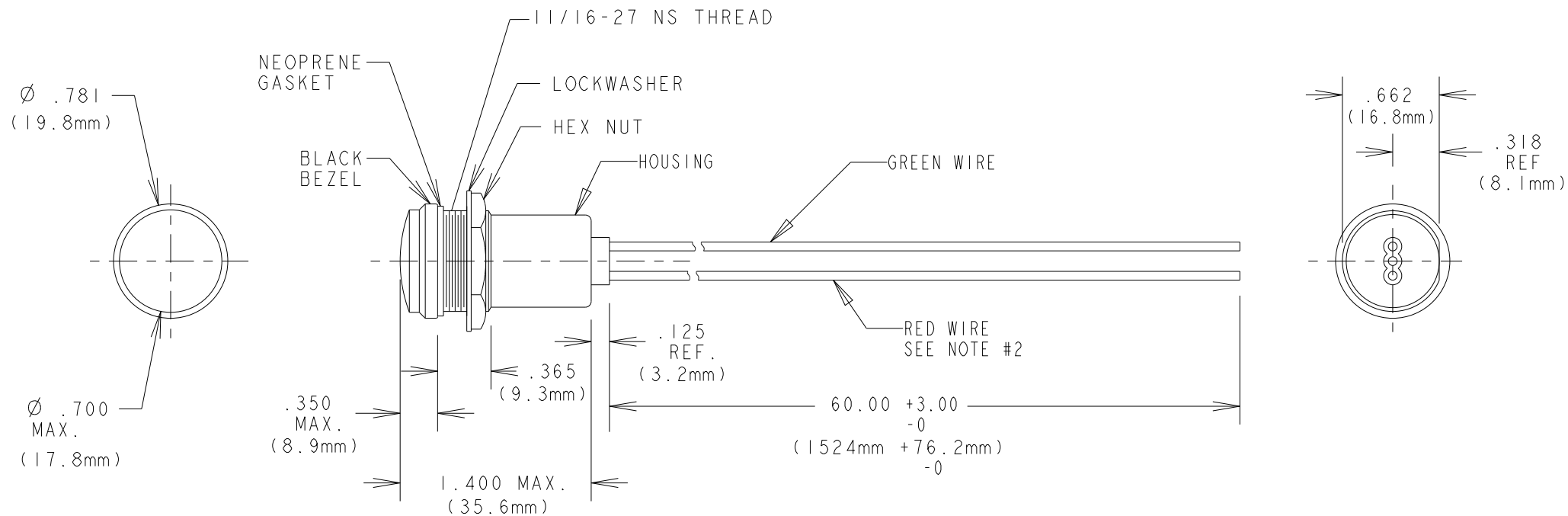


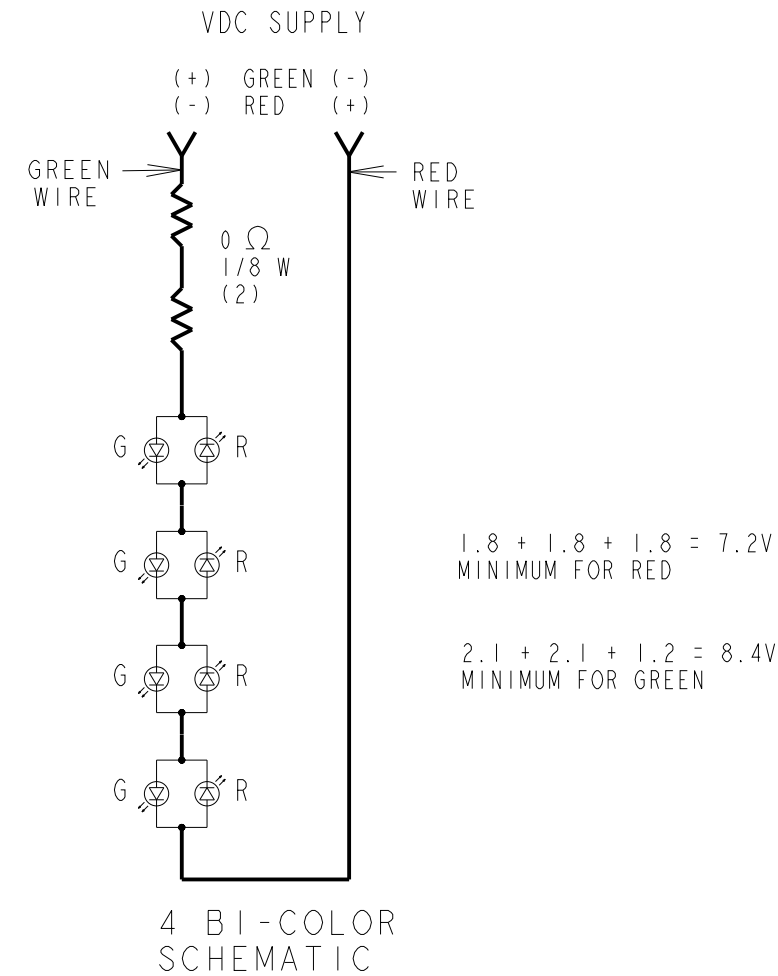


FOR EACH LED ONLY

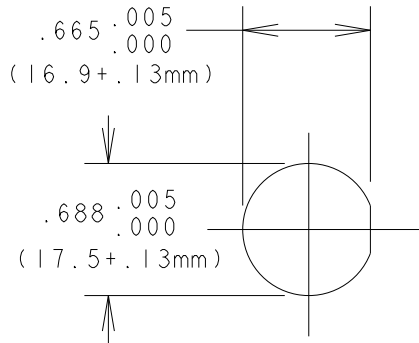
LED COLOR = RED/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	29	90		mcd	I _F = 20 mA
	GREEN	12.6	40			
FORWARD VOLTAGE	RED		1.8	2.4	V	I _F = 20 mA
	GREEN		2.1	2.8		
REVERSE CURRENT	ALL			100	µA	V _R = 5 V
PEAK WAVELENGTH	RED		660		nm	
	GREEN		565			
VIEWING ANGLE	ALL		60		Degree	
CAPACITANCE	RED		30		pf	V _F = 0, f = 1 MHz
	GREEN		35			

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	DC	KD	N.O.	2-28-01
B		DIMENSION 60.00 +3.00/-0 WAS 58.00 +3.00/-0.	DC			
C	103137	ADDED NOTES FOR MIN VOLTAGE FOR RED & GRN	LD	CS	NO	3-13-23

NOT INTERNALLY CURRENT REGULATED,
FOR 24 VDC RECOMMEND 820 Ω, 1/2 WATT EXTERNAL RESISTOR



MAX. PANEL THICKNESS: .200
SPACING ϕ TO ϕ : 1.000



RECOMMENDED MOUNTING HOLE

NOTES:

- THIS PRODUCT REQUIRES EXTERNAL RESISTOR.
(NO RESISTOR IN THIS PACKAGE.)
- LIGHT COLOR: RED & GREEN. RED WIRE TO (+)
RED LIGHT ON. GREEN WIRE TO (+) GREEN LIGHT ON.
- WIRE LEADS: 24 AWG, 7/32 STRANDED PRE-BONDED, TYPE C
MIL-W-168780 UL STYLE 1569; CSA TR-64. INSULATION PVC
WITH VW-1 FLAME TEST APPROVED DESIGNATION.
- DIALIGHT PART NUMBER: 557-0001-816F

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT		RED	GREEN	UNITS
POWER DISSIPATION		100	100	mW
CONTINUOUS FORWARD CURRENT		40	30	mA
DERATE LINEARLY FROM 50°C		0.5	0.4	mA / °C
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)		200	120	mA
REVERSE VOLTAGE		4	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY		260		°C
OPERATING TEMPERATURE		-55 TO +100		°C
STORAGE TEMPERATURE		-55 TO +100		°C

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP.			
DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : MODEL NAME-C.10			
SCALE: DRAWING SCALE	DRAWING NUMBER		REV
ALL DIM'S: INCH (mm)	C-16800		C
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE		
FRACTIONS: $\pm 1/64$	MULTI LED R/G BI-COLOR W/ 60" LEADS		
DECIMALS ((XXX): $\pm 0.10/20$)	MATERIAL		
DECIMALS ((XXXX): ± 0.0015)			
DECIMALS ((XXXX): ± 0.0005)			
ANGLES: $\pm 3^\circ$	1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com		
FINISH	SHEET 1 OF 1		
FSCM 83330	FAMILY TABLE:		