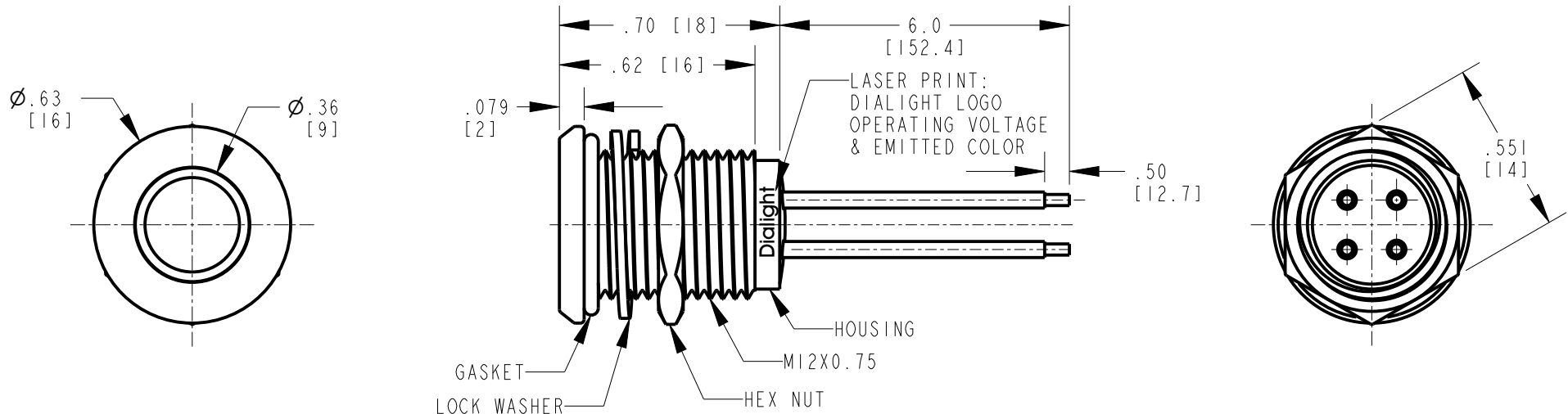


ASSEMBLY NUMBER	OPERATING VOLTAGE	EMITTED COLOR	LENS COLOR
624-1141-317F	3V	RGY	WATER CLEAR
624-1143-317F	12V	RGY	
624-1144-317F	24V	RGY	
624-1121-317F	3V	RGB	
624-1123-317F	12V	RGB	
624-1124-317F	24V	RGB	

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	119483	NEW RELEASE	JSG			20JUN24



- NOTES:
- 1, MOUNTING HOLE SIZE: 0.492" (12.5 MM)
 - 2, MAX PANEL THICKNESS: 0.197" (5.0 MM)
 - 3, MATERIALS:
 - 3.1, METAL HOUSING: BRASS, CHROME PLATED OR BLACK PLATED
 - 3.2, MOUNTING HEX NUT: BRASS, NICKEL PLATED.
 - 3.3, SPLIT LOCK WASHER: STEEL, UNI-CHROME PLATED.
 - 3.4, HEADER/INSULATOR: POLYCARBONATE, COLOR: BLACK
 - 3.5, GASKET
 - 4, SOLDERABILITY: PER ANSI/IPC-S-805, METHOD A.
 - 5, RECOMENDED MOUNTING TORQUE: 0.362 LBS/FT (5 KG/CM)
 - 6, RECOMENDED OPERATING CURRENT 15mA.

LED CHARACTERISTICS TABLE									
LED COLOR	EMITTING COLOR	ABSOLUTE MAXIMUM RATINGS Ta=25°C							
		FORWARD CURRENT IF(mA)	PEAK FORWARD CURRENT (mA)	REVERSE VOLTAGE VR(V)	POWER DISSIPATION PD(mW)	ELECTROSTAIC DISCHARGE ESD(V)	OPERATING TEMPERATURE Topr (°C)	STORAGE TEMPERATURE Tstg (°C)	ZENER REVERSE CURRENT (mA)
RGY	RED	30	100	5	72	3000	-40 to +85	-40 to +100	—
	YELLOW				72	3000			
	GREEN				96	2000			
RGB	RED	30	100	5	60	1K	-40 to +85	-40 to +85	100
	GREEN								
	BLUE								

LED COLOR	EMITTING COLOR	(IF = 20mA) ELECTRO-OPTICAL CHARACTERISTICS									
		TEST CONDITION	FORWARD VOLTAGE VF(V)		ZENER VOLTAGE (V)	REVERSE CURRENT IR(uA)	LUMINOUS INTENSITY Iv(mcd)		WAVE LENGTH (nm)		ANGLE (REF.)
			MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	TYP.
RGY	RED	20mA	1.8	2.4	—	10@VR=5V	600	1300	620	630	45
	GREEN		2.6	3.2			1300	2800	515	525	
	YELLOW		1.8	2.4			270	600	585	595	
RGB	RED	20mA	1.8	2.4	5.2@Iz=5mA	10@VR=5V	800	1200	620	625	120
	GREEN		2.8	3.6			1800	2800	515	520	
	BLUE		2.8	3.6			800	1200	460	475	



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 62411XX307F- .4		
SCALE: 2.000	DRAWING NUMBER	REV
ALL DIM's: INCH (mm)	C-18760	A
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE	
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$	12mm PMI RGB/RGY WIRES	
FINISH	MATERIAL	
—		
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1	FAMILY TABLE:	