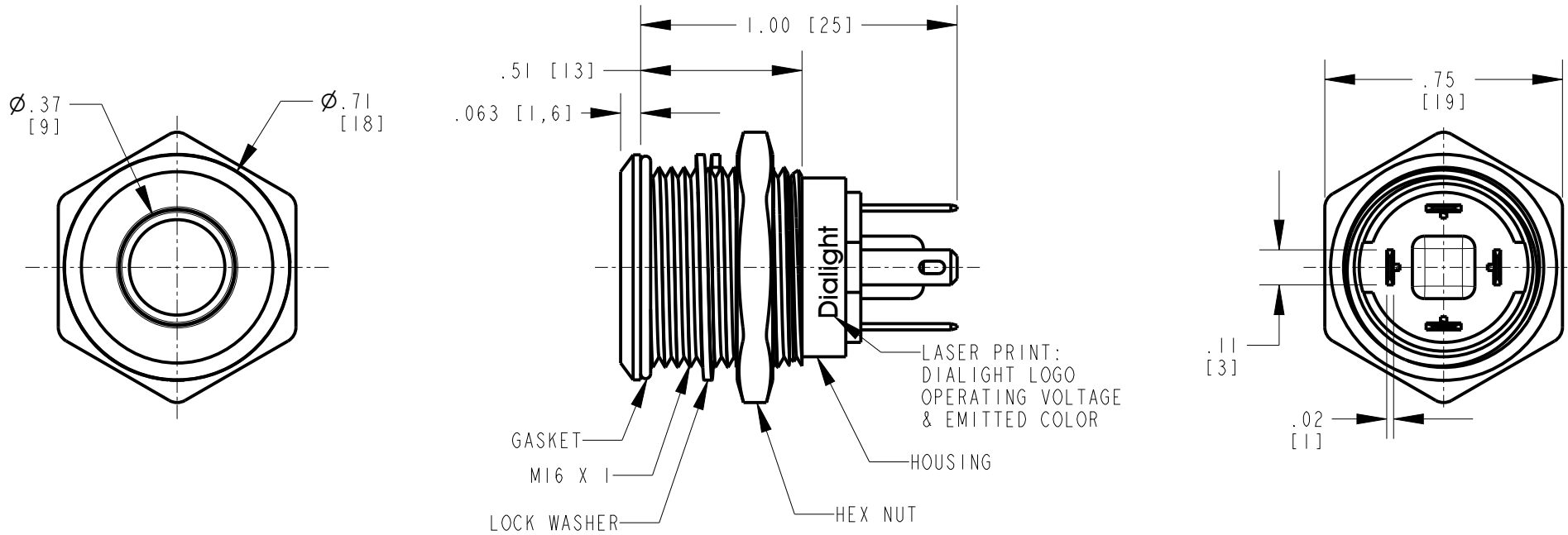


ASSEMBLY NUMBER	OPERATING VOLTAGE	EMITTED COLOR	LENS COLOR
625-1141-314F	3V	RGY	WATER CLEAR
625-1143-314F	12V	RGY	
625-1144-314F	24V	RGY	
625-1121-314F	3V	RGB	
625-1123-314F	12V	RGB	
625-1124-314F	24V	RGB	

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	119547	NEW RELEASE	JSG			24JUN24



- NOTES:
- 1, MOUNTING HOLE SIZE: 0.637" (16.2 MM)
 - 2, MAX PANEL THICKNESS: 0.197" (5.0 MM)
 - 3, MATERIALS:
 - 3.1, METAL HOUSING: STAINLESS STEEL
 - 3.2, MOUNTING HEX NUT: STAINLESS STEEL.
 - 3.3, SPLIT LOCK WASHER: STEEL, UNI-CHROME PLATED.
 - 3.4, HEADER/INSULATOR: POLYCARBONATE.
 - 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

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 : 62511XX314F- .1			
SCALE: 2.000		DRAWING NUMBER	REV
ALL DIM's: INCH (mm)			
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C-18762	A
FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°			
FINISH		TITLE	
—		16mm PMI RGB/RGY TERMINALS	
FSCM 83330		MATERIAL	
—		—	
—		Dialight	
—		1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 1		FAMILY TABLE:	