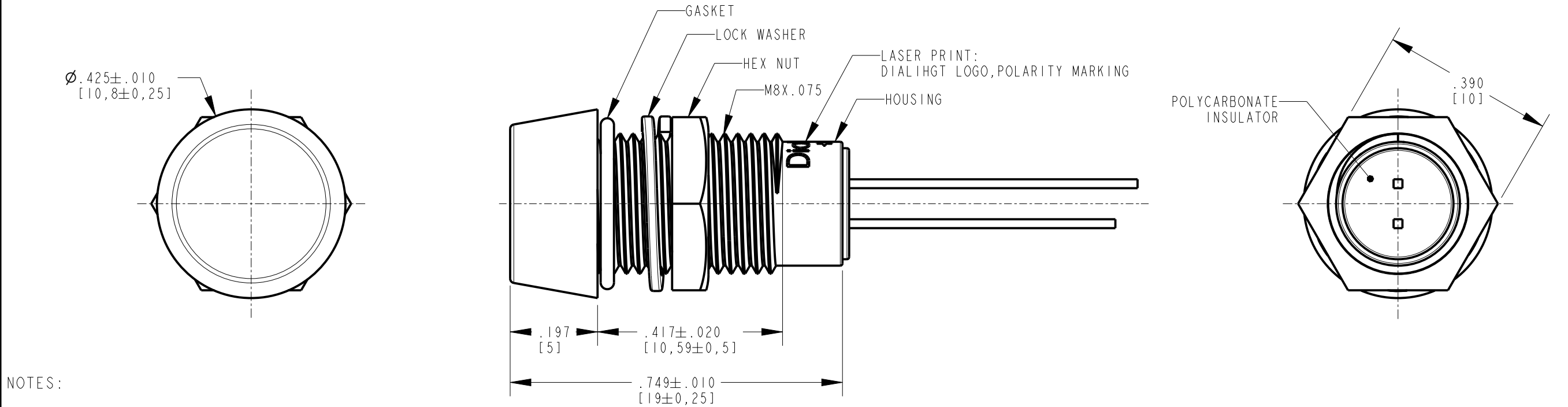


ASSEMBLY NUMBER	OPRATING VOLTAGE	EMITTED COLOR	LENS COLOR
608-3131-110F	2 VOLT	RED	RED DIFFUSED
608-3231-110F	2 VOLT	GREEN	GREEN DIFFUSED
608-3331-110F	2 VOLT	YELLOW	YELLOW DIFFUSED

RoHS COMPLIANT 608-3X31-110F

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	—	NEW RELEASE	TSCH	—	—	03-11-91
B	116838	REVISE LED SPEC TABLES, REVISE 3D MODEL & RE-CREATE C-DRAWING.	JSG	JY	JV	11APR24



NOTES:

1. MOUNTING HOLE SIZE: $\phi .323$ [8.2mm]
2. MAXIMUM PANEL THICKNESS: .236 [6.0mm]
3. MATERIALS:
 - 3.1 PLASTIC HOUSING: POLYCARBONATE.
 - 3.2 MOUNTING HEX NUT: BRASS, NICKEL PLATED.
 - 3.3 SPLIT LOCK WASHER: STEEL, NICKEL PLATED.
 - 3.4 HEADER/INSULATOR: POLYCARBONATE, COLOR: BLACK.
4. SOLDERABILITY: PER ANSI/IPC-S-805, METHOD A.
5. PRODUCT IS POLARIZED
6. RECOMMENDED MOUNTING TORQUE: 0.217 LBS/FT.
7. RECOMMENDED OPERATING CURRENT: 15 mA.



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

LED CHARACTERISTICS TABLE														
COLOR	ABSOLUTE MAXIMUM RATINGS TA=25°C						(IF=20mA)ELCTRO-OPTICAL CHARACTERISTIC							
	FORWARD CURRENT I _F (mA)	PEAK FORWARD CURRENT IFp(mA)	POWER DISSIPATION PD(mW)	OPERATING TEMPERATURE Topr(°C)	STRORAGE TEMPERATURE Tstg(°C)	ELECTROSTAIC DISCHARGE ESD(V)	FORWARD VOLTAGE VF (V)		REVERSE CURRENT (μA)	LUMINOUS INTENSITY I _v (MCD)		WAVELENGTH (NM)		VIEWING ANGLE (DEG.)
							MIN.	MAX.	MAX.	MIN.	MAX.	MIN.	MAX.	TYP.
RED	30	100 (1/10 DUTY CYCLE,0.1ms PULSE WIDTH)	60	-30°C TO +80°C	-40°C TO +100°C	3000	1.8	2.4	10μA @ VR=5V	120	210	630	640	55
GREEN	30		72	-30°C TO +80°C	-40°C TO +100°C	3000	1.8	2.4		90	160	565	575	35
YELLOW	30		72	-30°C TO +80°C	-40°C TO +100°C	3000	1.8	2.4		70	160	585	590	20

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SCALE: 5.000		DRAWING NUMBER		REV	
ALL DIM's: INCH (mm)					
TOLERANCES: UNLESS OTHERWISE SPECIFIED		C-18747		B	
FRACTIONS: ±1/64 DECIMALS (.XX): ±.020 DECIMALS (.XXX): ±.010 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°					
FINISH		TITLE		8MM LED PMI	
—		MATERIAL			
		SEE BOM			
FSCM 83330		Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com			
		SHEET 1 OF 1 FAMILY TABLE:			