

ASSEMBLY PART NUMBER	LED COLOR	OPERATING VOLTAGE	REFER TO FIGURE
677-2112-321F	HIGH BRIGHT RED	6VDC	1
677-2115-321F	HIGH BRIGHT RED	6VDC	2
677-2212-322F	HIGH BRIGHT GREEN	6VDC	1
677-2215-322F	HIGH BRIGHT GREEN	6VDC	2
677-2312-323F	HIGH BRIGHT ORANGE	6VDC	1
677-2315-323F	HIGH BRIGHT ORANGE	6VDC	2
677-2412-324F	HIGH BRIGHT BLUE	6VDC	1
677-2415-324F	HIGH BRIGHT BLUE	6VDC	2
677-2112-331F	HIGH BRIGHT RED	12VDC	1
677-2115-331F	HIGH BRIGHT RED	12VDC	2
677-2212-332F	HIGH BRIGHT GREEN	12VDC	1
677-2215-332F	HIGH BRIGHT GREEN	12VDC	2
677-2312-333F	HIGH BRIGHT ORANGE	12VDC	1
677-2315-333F	HIGH BRIGHT ORANGE	12VDC	2
677-2412-334F	HIGH BRIGHT BLUE	12VDC	1
677-2415-334F	HIGH BRIGHT BLUE	12VDC	2
677-2112-341F	HIGH BRIGHT RED	24VDC	1
677-2115-341F	HIGH BRIGHT RED	24VDC	2
677-2212-342F	HIGH BRIGHT GREEN	24VDC	1
677-2215-342F	HIGH BRIGHT GREEN	24VDC	2
677-2312-343F	HIGH BRIGHT ORANGE	24VDC	1
677-2315-343F	HIGH BRIGHT ORANGE	24VDC	2
677-2412-344F	HIGH BRIGHT BLUE	24VDC	1
677-2415-344F	HIGH BRIGHT BLUE	24VDC	2

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A	119360	NEW RELEASE	JSG	JY	JV	18JUN24

- NOTES:
- 1, MOUNTING HOLE SIZE: 0.283" (7.2 MM)
- 2, MAX PANEL THICKNESS: 0.336" (8.50 MM)
- 3, MATERIALS:
- 3.1, METAL HOUSING: BRASS, CHROME 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.



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.		
SCALE: 3.000	DRAWING NUMBER C-18756	REV A
ALL DIM's: INCH (mm)		
TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1°	TITLE 7mm HIGH BRIGHT LED PMI	
FINISH —	MATERIAL —	
FSCM 83330	Dialight 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com	
SHEET 1 OF 2		FAMILY TABLE:

FIGURE 1

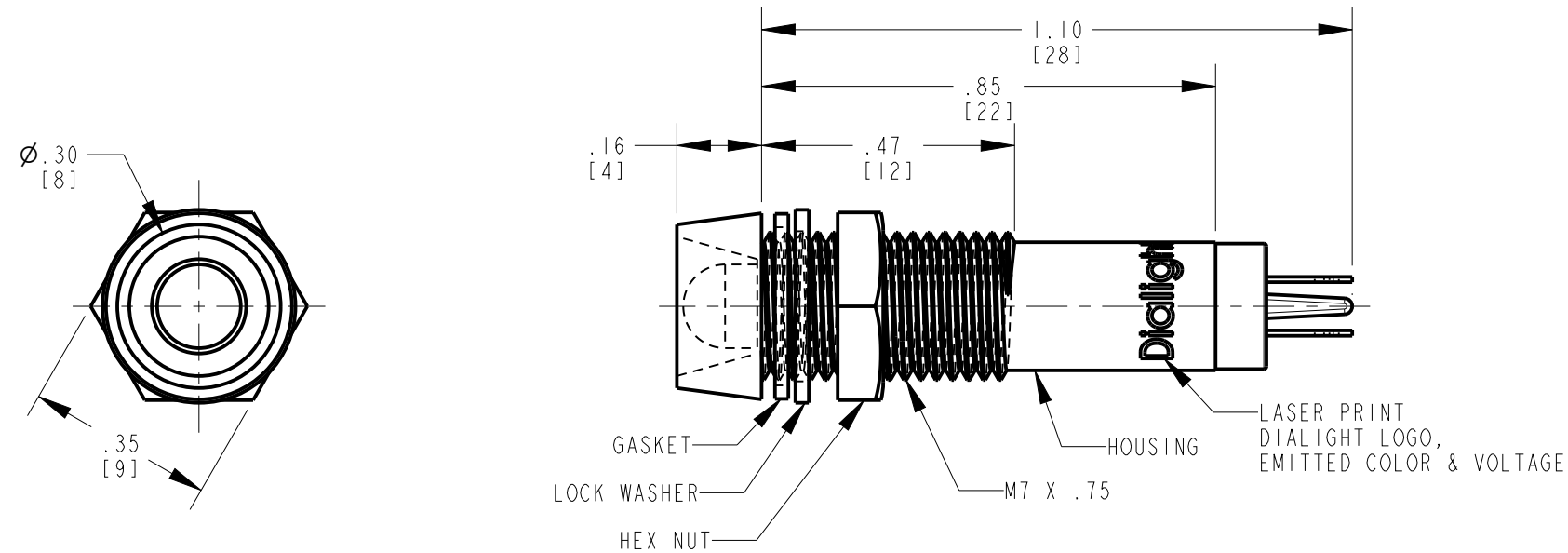
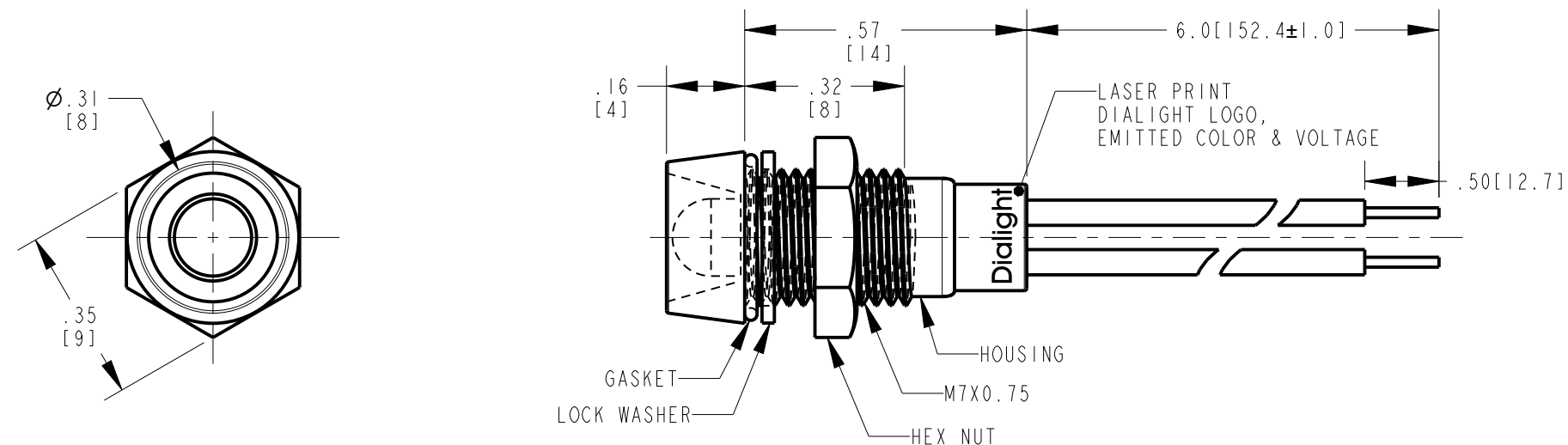


FIGURE 2



ATTENTION:
OBSERVE PRECAUTIONS FOR
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SENSITIVE DEVICES

677 SERIES	ABSOLUTE MAXIMUM RATINGS (Ta=25° C)							(IF = 20mA) ELECTRO-OPTICAL CHARACTERISTICS								
	FORWARD CURRENT IF(mA)	REVERSE VOLTAGE VR(V)	POWER DISSIPATION PD(mW)	ZENER REVERSE CURRENT IZ(mA)	OPERATING TEMP. Topr(° C)	STORAGE TEMP. Tstg(° C)	ELECTROSTATIC DISCHARGE ESD(V)	FORWARD VOLTAGE VF(V)		ZENER VOLTAGE VZ(V) @5mA	REVERSE CURRENT IR(μA)	LUMINOUS INTENSITY Iv(mcd)		WAVELENGTH (nm)		ANGLE (REF.)
								MIN	MAX			MIN	MAX	MIN	MAX	
RED	30	5	110	100	-40 to +85	-40 to +85	4K	1.8	2.4	5	5	800	1200	620	625	100
GREEN	30	5	110	100	-40 to +85	-40 to +85	—	3.0	3.4	5.2	5	1800	2800	515	520	120
ORANGE	30	5	70	100	-25 to +85	-25 to +85	—	1.8	2.3	5.2	10	600	1000	590	595	120
BLUE	30	5	110	100	-40 to +85	-40 to +85	4K	2.8	3.6	5.2	5	800	1200	460	475	120

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SCALE: 3.000		DRAWING NUMBER	
ALL DIM's: INCH (mm)		REV	
TOLERANCES: UNLESS OTHERWISE SPECIFIED		A	
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .02$ DECIMALS (.XXX): $\pm .015$		C-18756	
ANGLES: $\pm 3^\circ$		TITLE	
FINISH		7mm HIGH BRIGHT LED PMI	
—		MATERIAL	
FSCM 83330		—	
			
		1501 ROUTE 34 SOUTH FARMINGDALE, NY 07727 (732) 919-3119 www.dialight.com	
		SHEET 2 OF 2	
		FAMILY TABLE:	