

DIALIGHT ASSEMBLY NO.	LED COLOR	OPERATING VOLTAGE	WATER TIGHT
609-1122-120F	RED	6 V	NO
609-1222-120F	GREEN	6 V	NO
609-1322-120F	YELLOW	6 V	NO
609-1122-130F	RED	12 V	NO
609-1222-130F	GREEN	12 V	NO
609-1322-130F	YELLOW	12 V	NO
609-1122-140F	RED	24 V	NO
609-1222-140F	GREEN	24 V	NO
609-1322-140F	YELLOW	24 V	NO
609-1122-320F	RED	6 V	YES
609-1222-320F	GREEN	6 V	YES
609-1322-320F	YELLOW	6 V	YES
609-1122-330F	RED	12 V	YES
609-1222-330F	GREEN	12 V	YES
609-1322-330F	YELLOW	12 V	YES
609-1122-340F	RED	24 V	YES
609-1222-340F	GREEN	24 V	YES
609-1322-340F	YELLOW	24 V	YES

RoHS COMPLIANT 609-1X22-1X0F & 609-1X22-3X0F

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	AJF	KLJ	NO	7-29-09
B	109072	REVISE TO REFLECT ACTUAL PART AND REVISE LED SPECS	JSG	JY	JV	22AUG23

NOTES:

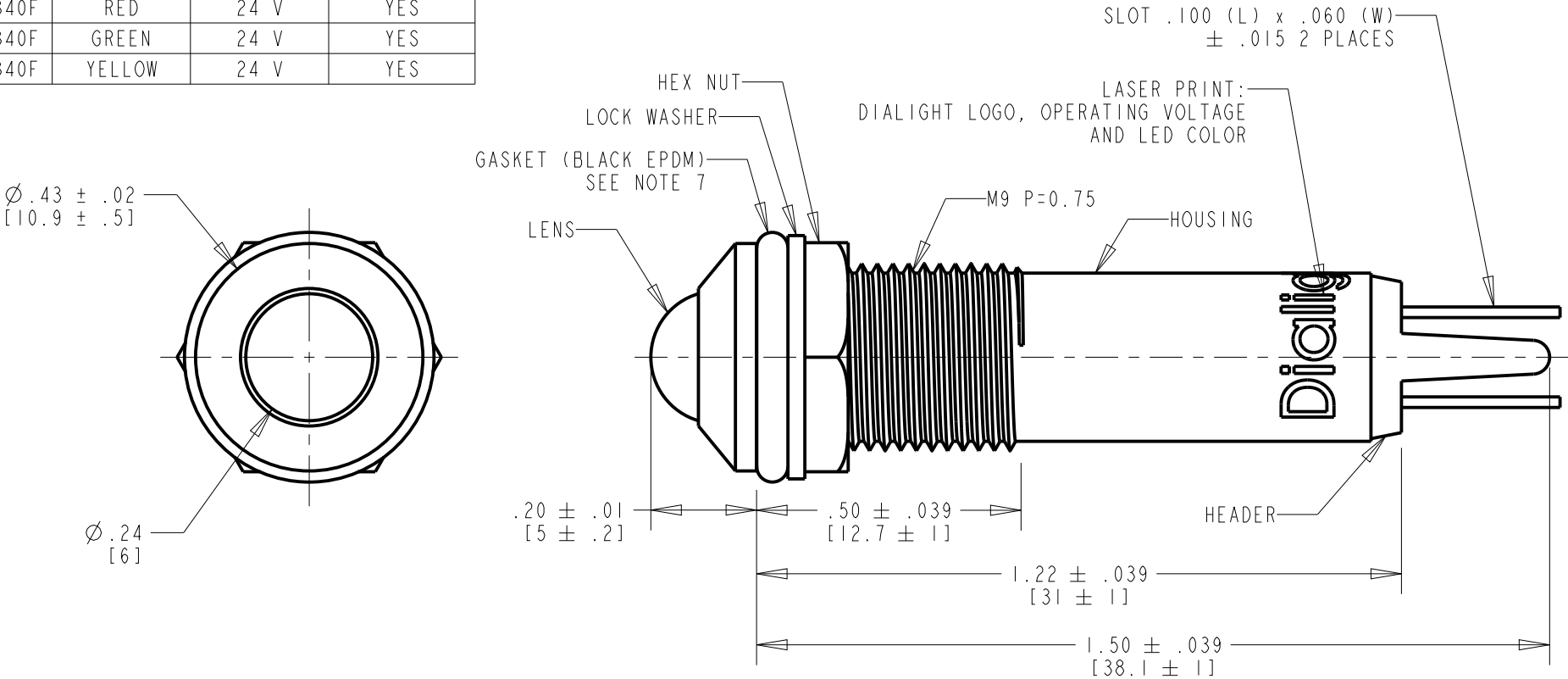
1. MOUNTING HOLE SIZE: Ø .366 [9.3]
2. MAXIMUM PANEL THICKNESS: .295 [7.5] FOR 609-1X22-1X0F
.236 [6.0] FOR 609-1X22-3X0F
3. MATERIALS:

3.1 METAL HOUSING: BRASS, CHROME PLATED BLACK PAINT COATING

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 NON-POLARIZED
6. DIALIGHT PART NO. 609-1X22-1X0F & 609-1X22-3X0F (REFER ASSEMBLY NO. TABLE ABOVE)
7. RECOMMENDED MOUNTING TORQUE: 0.362 LBS/FT
8. GASKET ONLY AVAILABLE ON DIALIGHT PART NO. 609-1X22-3X0F. (REFER ASSEMBLY NO. TABLE ABOVE)
9. RECOMMENDED OPERATING CURRENT: 15 mA



LED CHARACTERISTICS TABLE													
COLOR	ABSOLUTE MAXIMUM RATINGS TA=25°C					(IF=20mA)ELCTRO-OPTICAL CHARACTERISTIC							
	FORWARD CURRENT IF(mA)	PEAK FORWARD CURRENT IFp(mA)	POWER DISSIPATION PD(mW)	OPERATING TEMPERATURE Topr(°C)	STORAGE TEMPERATURE Tstg(°C)	FORWARD VOLTAGE VF (V)		REVERSE CURRENT (uA) @VR = 5V	LUMINOUS INTENSITY Iv (MCD)		WAVELENGTH (NM)		VIEWING ANGLE (DEGREES)
						MIN.	MAX.	MAX.	MIN.	MAX.	MIN.	MAX.	
RED	20	100 (1/10 DUTY CYCLE,0.1ms PULSE WIDTH)	110	-40°C TO +85°C	-40°C TO +85°C	1.8	2.4	5	400	600	620	625	120
GREEN	20		110	-40°C TO +85°C	-40°C TO +85°C	3.0	3.4	5	900	1400	515	520	120
YELLOW	20		70	-25°C TO +85°C	-25°C TO +85°C	1.8	2.3	10	400	600	590	595	100



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

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SCALE: 2.000			DRAWING NUMBER				REV		
ALL DIM's: INCH (mm)									
TOLERANCES: UNLESS OTHERWISE SPECIFIED			C-17753				B		
FRACTIONS: $\pm 1/64$ DECIMALS (.XX): $\pm .01$ DECIMALS (.XXX): $\pm .005$ DECIMALS (.XXXX): $\pm .0005$ ANGLES: $\pm 1^\circ$									
FINISH			TITLE						
			9mm LED PMI - BLACK						
			MATERIAL						
			Dialight						
FSCM 83330			1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07727 (732) 919-3119 www.dialight.com						
			SHEET 1 OF 1 FAMILY TABLE:						