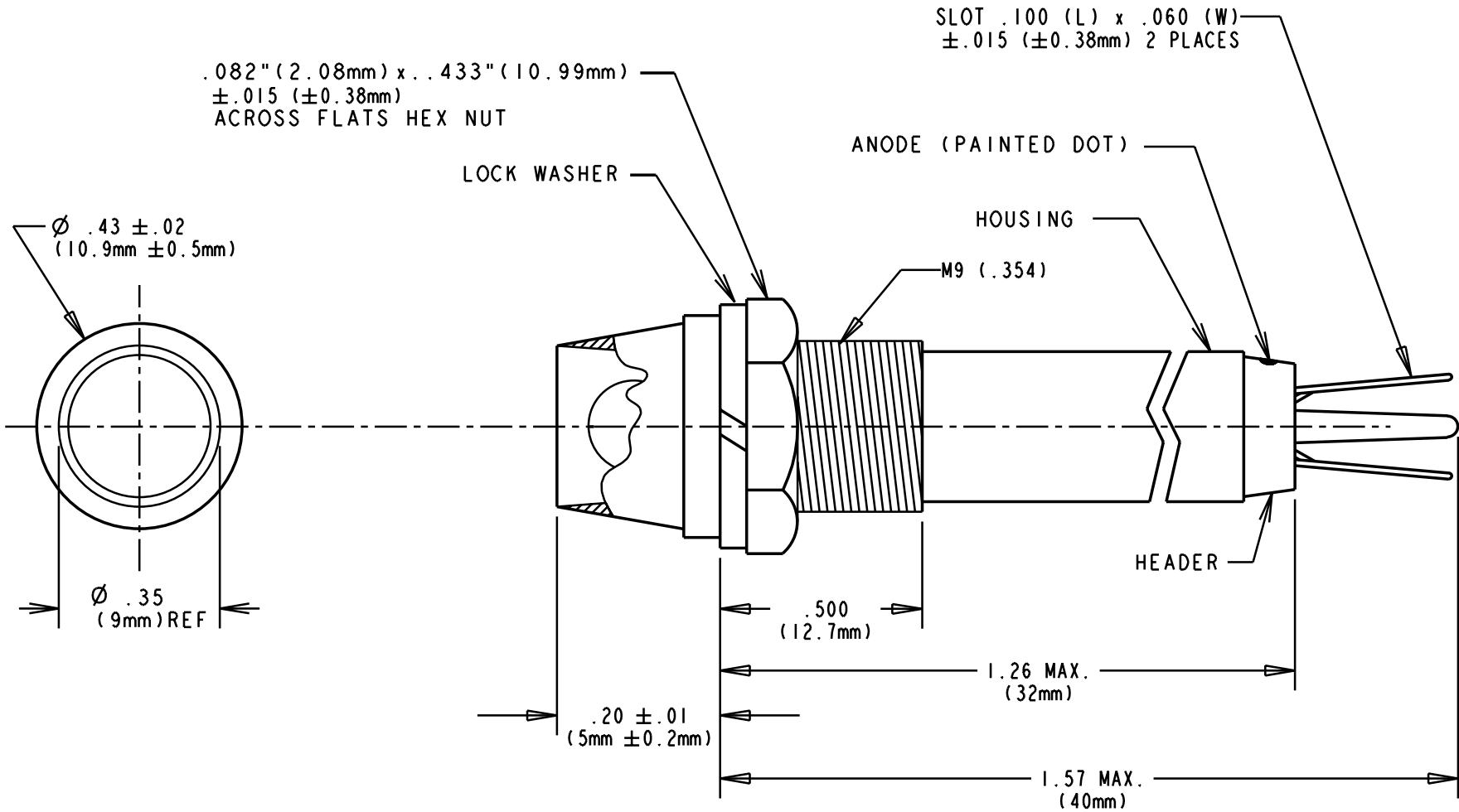


DIALIGHT ASSEMBLY NO.	LED COLOR	OPERATING VOLTAGE
609-2112-120	RED	6 V
609-2212-120	GREEN	6 V
609-2312-120	YELLOW	6 V
609-2112-130	RED	12 V
609-2212-130	GREEN	12 V
609-2312-130	YELLOW	12 V
609-2112-140	RED	24 V
609-2212-140	GREEN	24 V
609-2312-140	YELLOW	24 V

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
C	—	REVISED ALL LEDs SPECS AND NOTE 1. & NOTE 5. ADDED P/N 609-2112-140, 609-2212-140 AND 609-2312-140. REDRAWN ONTO PRO-E.	DC			

NOTES:

- 1, MOUNTING HOLE SIZE: $\varnothing$ 9.3mm (.366)
- 2, MAXIMUM PANEL THICKNESS: 7.5mm (.295)
3. MATERIALS:
 - 3.1, METAL HOUSING: BRASS, BRIGHT CHROME PLATED.
 - 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, DIALIGHT PART NO. 609-2X12-1X0 (SEE CHART ABOVE)



LED CHARACTERISTICS TABLE														
COLOR	PEAK WAVE LENGTH λ_p (nm)	RECOMMENDED OPERATING CURRENT (mA)	ABSOLUTE MAXIMUM RATINGS					ELECTRO-OPTICAL CHARACTERISTICS						
			I_f (mA)	I_{FM} (mA)	V_F (V)	T_{op} (°C)	T_{stg} (°C)	V_F (V)			I_g (μA)		BRIGHTNESS C(mcd)	
								STD	MAX	I (mA)	MAX	V_a (V)	STD	I_f (mA)
RED	635	15	30	50	5	-25 to +85	-25 to +100	2.0	2.8	20	10	4	80	20
GREEN	565	15	30	50	5	-25 to +85	-25 to +100	2.1	2.8	20	10	4	150	20
YELLOW	585	15	30	50	5	-25 to +85	-25 to +100	2.0	2.8	20	10	4	120	20

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SCALE NONE	DRAWING NUMBER	REV
ALL DIM'S IN: INCHES	C-15589	C
TOLERANCES: UNLESS OTHERWISE SPECIFIED	TITLE 9mm LED PM1	
FRACTIONS: $\pm 1/64$	MATERIAL	
DECIMALS (.XX): $\pm .020$	Dialight 1913 ATLANTIC AVE. MANASQUAN, N.J. 08736	
DECIMALS (.XXX): $\pm .015$		
ANGLES: $\pm 3^\circ$	SHEET OF FAMILY TABLE:	
FINISH:		
FSCM 83330		