

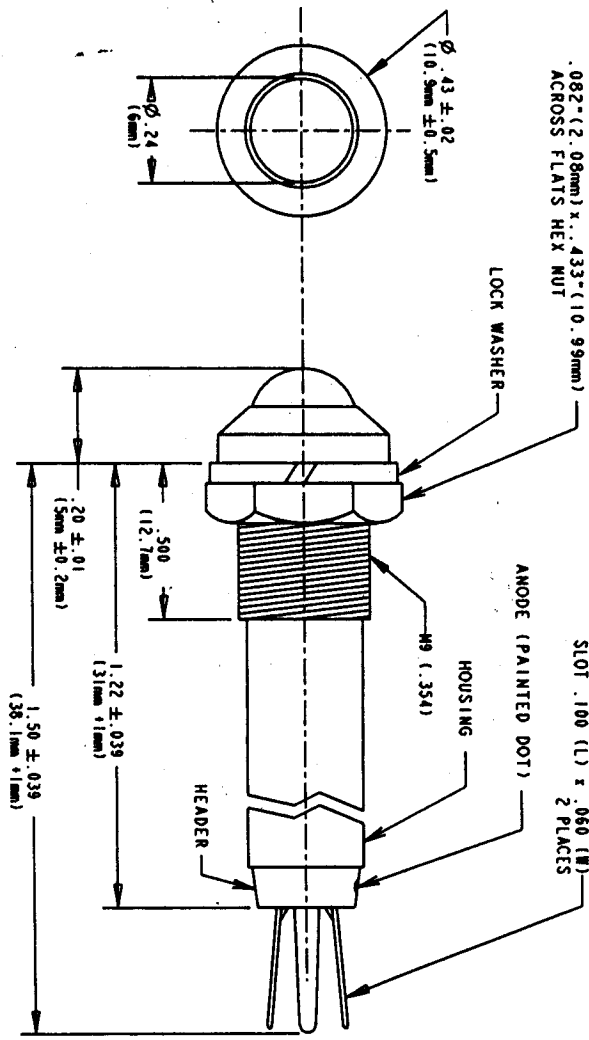
DIALIGHT ASSEMBLY NO.	LED COLOR	OPERATING VOLTAGE
609-1112-120	RED	6 V
609-1212-120	GREEN	6 V
609-1312-120	YELLOW	6 V
609-1112-130	RED	12 V
609-1212-130	GREEN	12 V
609-1312-130	YELLOW	12 V
609-1112-140	RED	24 V
609-1212-140	GREEN	24 V
609-1312-140	YELLOW	24 V

NOTES:

1. MOUNTING HOLE SIZE: ϕ 9.3mm (1.366)
2. MAXIMUM PANEL THICKNESS: 7.5mm (1.295)
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. 609-1X12-1X0 (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)	V_f (V)	Top (°C)	V_f (V)	I_f (mA)	I_f (mA)	I_f (mA)	BRIGHTNESS (cd/m ²)	η (mA)			
RED	635	15	30	50	5	+85	-25 to +100	2.0	2.8	20	10	4	80	20
GREEN	565	15	30	50	5	+85	-25 to +100	2.1	2.8	20	10	4	150	20
YELLOW	585	15	30	50	5	+85	-25 to +100	2.0	2.8	20	10	4	120	20



REV.	ECH NO.	REVISIONS	DRN.	CD.	APP.	DATE
--	--	NEW RELEASE	TSCM	J.T.	3-12-91	
A		REVISED ALL LED SPECS AND NOTE 1, ADDED NOTE 5. ALSO ADDED P/N 609-1112-140, 609-1212-140, 609-1312-140. REDRAWN ONTO PRO-E.	DC	YC	12-3-15-00	

THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OR THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT.

SCALE: DIMS. IN: INCHES

ALL DIMS. IN: INCHES

PREPARED BY: [REDACTED]

DESIGNED BY: [REDACTED]

CHECKED BY: [REDACTED]

DATE: 4/1/94

DRAWING NUMBER: C-15588

TITLE: 9mm LED PMI

MATERIAL: [REDACTED]

FINISH: [REDACTED]

ANODES: 2P

DATE: 8/3/30

SHEET: [REDACTED]

FAMILY TABLE: [REDACTED]

1913 ATLANTIC AVE. MANASSAS VA. 20108