

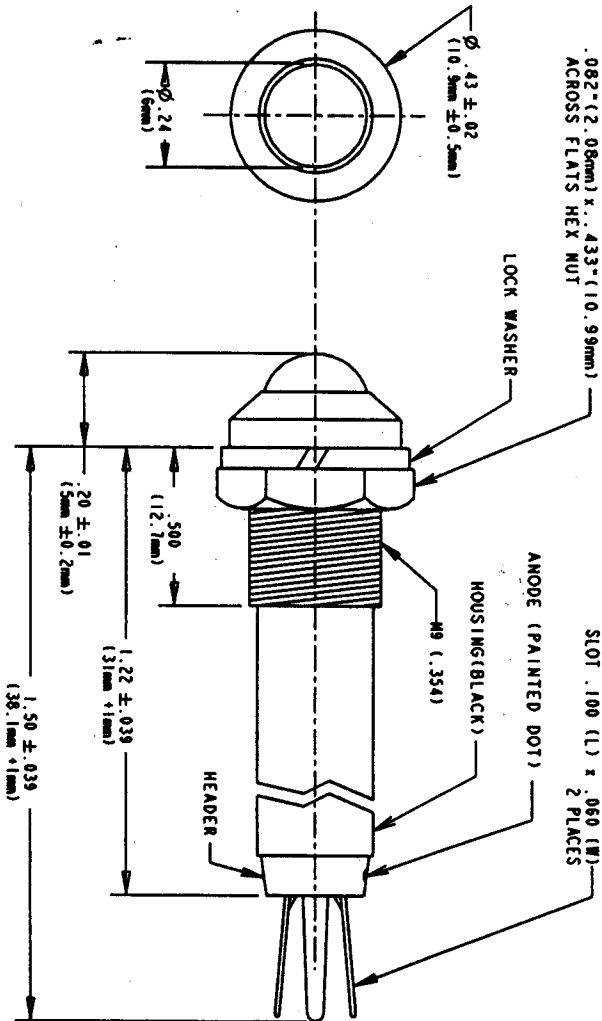
| DIALIGHT ASSEMBLY NO. | LED COLOR | OPERATING VOLTAGE |
|-----------------------|-----------|-------------------|
| 609-1122-120 | RED | 6 V |
| 609-1222-120 | GREEN | 6 V |
| 609-1322-120 | YELLOW | 6 V |
| 609-1122-130 | RED | 12 V |
| 609-1222-130 | GREEN | 12 V |
| 609-1322-130 | YELLOW | 12 V |
| 609-1122-140 | RED | 24 V |
| 609-1222-140 | GREEN | 24 V |
| 609-1322-140 | YELLOW | 24 V |

NOTES:

1. MOUNTING HOLE SIZE: ϕ 9.3mm (.366)
2. MAXIMUM PANEL THICKNESS: 7.5mm (.295)
3. MATERIALS:
 - 3.1. METAL HOUSING: BRASS, CHROME PLATED WITH BLACK 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. DIALIGHT PART NO. 609-1122-1X0 (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_{RM} (mA) | I_{RM} (A) | T_{op} (°C) | T_{stg} (°C) | SR | V_f (V) | I_{fmax} (mA) | I_{fmin} (mA) | I_{fmax} (mA) | BRIGHTNESS (cd/m ²) | η (lm/w) |
| 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 | 28 |
| YELLOW | 585 | 15 | 30 | 50 | 5 | -25 to +85 | -25 to +100 | 2.0 | 2.8 | 20 | 10 | 4 | 120 | 20 |



| REV. | ECN NO. | REVISIONS | DEM. CND. APP. | DATE |
|------|---------|-------------|----------------|------------|
| A | | NEW RELEASE | DC | 9/8/3+5-06 |

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SCALE: NONE
 ALL DIM'S. IN: INCHES
 UNLESS OTHERWISE SPECIFIED
 FINISH: AS SHOWN
 DRIVING NUMBER: C-16671
 REV: A

TITLE: 9mm LED PH1
 MATERIAL: BRASS
 ANGLE: 45°
 FINISH: AS SHOWN

FSCN 83330
 DRAWING NUMBER: C-16671
 REV: A
 DIALIGHT
 1913 ATLANTIC AVE.
 MANASSAS, N.J. 08735