



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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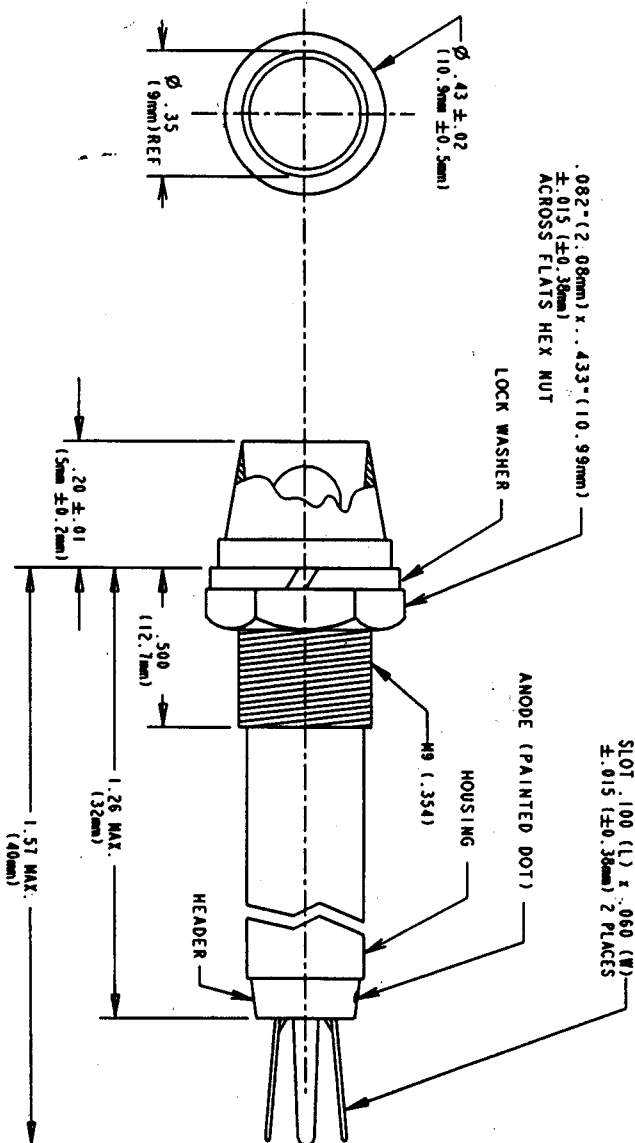


DIALIGHT ASSEMBLY NO.	LED COLOR	OPERATING VOLTAGE
609-2112-120	RED	6 V
609-2212-120	GREEN	6 V
609-2312-120	YELLOW	6 V
609-2112-130	RED	12 V
609-2212-130	GREEN	12 V
609-2312-130	YELLOW	12 V
609-2112-140	RED	24 V
609-2212-140	GREEN	24 V
609-2312-140	YELLOW	24 V

- NOTES:
1. MOUNTING HOLE SIZE: ϕ 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_m (mA)	V_f (V)	T_j (°C)	T_{j-s} (°C)	STP	V_f (V)	I_f (mA)	I_m (mA)	BR1	BR2	η (%)
RED	635	15	30	50	5	-25 to +85	-25 to +100	2.0	2.0	2.0	10	4	80	20
GREEN	565	15	30	50	5	-25 to +85	-25 to +100	2.1	2.1	2.8	10	4	150	20
YELLOW	585	15	30	50	5	-25 to +85	-25 to +100	2.0	2.0	2.8	10	4	120	20



REV.	ECH NO.	REVISIONS	DRN.	CRD.	APP.	DATE
C		REVISED ALL LED'S SPECS AND NOTE 1 & NOTE 3, ADDED P/N 609-2112-140, 609-2212-140 AND 609-2312-140. REDRAWN ONTO PRO-E.	DC	YC	4/3/15	08

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SCALE: NONE

DRAWING NUMBER: C-15589

REV: C

TITLE: 9mm LED PARI

MATERIAL:

FINISH: ANGLE: #3

DATE: 8/3/15

DRN: 83330

SHEET: 1 OF 1

FAMILY TABLE:

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