

Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

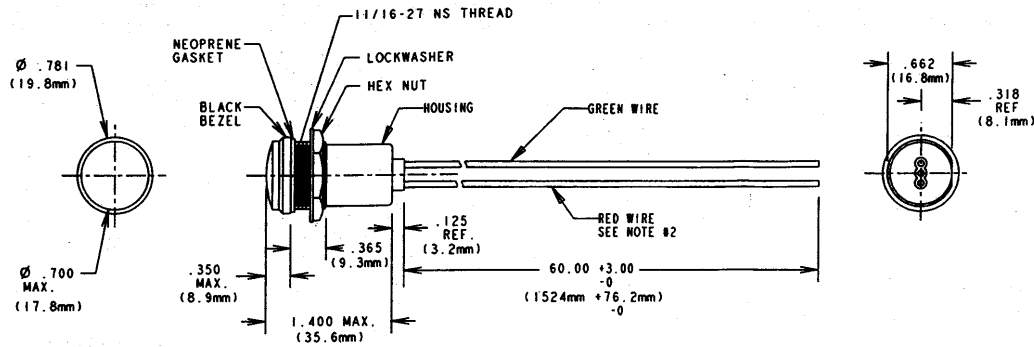
[Dialight](#)
[5570001816](#)

For any questions, you can email us directly:

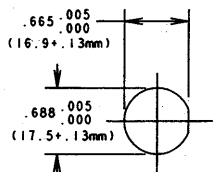
sales@integrated-circuit.com



Distributor of Dialight: Excellent Integrated System Limited
Datasheet of 5570001816 - LED WATERTIGHT RED/GRN PNL MNT



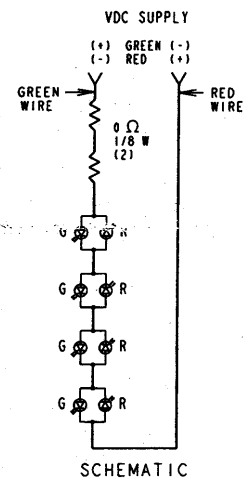
MAX. PANEL THICKNESS: .200
SPACING ± TO ±1.000



RECOMMENDED MOUNTING HOLE

LED COLOR = RED/GREEN BI-COLOR						
OPERATING CHARACTERISTICS AT 25°C AMBIENT						
CHARACTERISTICS	COLOR	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	RED	29	90		mcd	I _r = 20 mA
	GREEN	12.6	40			
FORWARD VOLTAGE	RED		1.8	2.4	V	I _r = 20 mA
	GREEN		2.1	2.8		
REVERSE CURRENT	ALL			100	µA	V _a = 5 V
PEAK WAVELENGTH	RED		660		nm	
	GREEN		565			
VIEWING ANGLE	ALL		60		Degree	
CAPACITANCE	RED		30		pF	V _r = 0, f = 1 MHz
	GREEN		35			

A	NEW RELEASE	DC	NO	N.O.	2-28-01
B	DIMENSION 60.00 ±3.00/-0 WAS 58.00 ±3.00/-0.	DC	27	NO	10-2-01



SCHEMATIC

NOTES:

- THIS PRODUCT REQUIRES EXTERNAL RESISTOR.
(NO RESISTOR IN THIS PACKAGE.)
- LIGHT COLOR: RED & GREEN. RED WIRE TO (+)
RED LIGHT ON. GREEN WIRE TO (+) GREEN LIGHT ON.
- WIRE LEADS: 24 AWG, 7/32 STRANDED PRE-BONDED, TYPE C
MIL-W-168780 UL STYLE 1569; CSA TR-64. INSULATION PVC
WITH VW-1 FLAME-TEST APPROVED DESIGNATION.
- DIALIGHT PART NUMBER: 557-0001-816

ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT			
	RED	GREEN	UNITS
POWER DISSIPATION	100	100	mW
CONTINUOUS FORWARD CURRENT	40	30	mA
DERATE LINEARLY FROM 50°C	0.5	0.4	mA/°C
PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH)	200	120	mA
REVERSE VOLTAGE	4	5	V
LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY	260		°C
OPERATING TEMPERATURE	-55 TO +100		°C
STORAGE TEMPERATURE	-55 TO +100		°C

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SCALE: 1:1 ALL DIM'S IN INCHES (MM) TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (1.00): ±.020 DECIMALS (1.000): ±.015 ANGLES: ±3° FINISH:	DRAWING NUMBER C-16800	REV B
FSCN 83330	TITLE MULTI LED PNL 11/16" DIA.	MATERIAL
	Dialight	1501-ROUTE 34 SOUTH FARMINGDALE, NJ 07727
	SHEET OF	FAMILY TABLE: