



RECOMMENDED P.C. HOLE PATTERN

PART NUMBER	DIM "A"
561-5902-050	.480
561-5902-060	.580
561-5902-070	.680
561-5902-080	.780
561-5902-090	.880
561-5902-100	.980

REV.	ECN NO.	REVISIONS	DRN.	CKD.	APP.	DATE
A		NEW RELEASE	TC			

ABSOLUTE MAXIMUM RATINGS AT 25° C AMBIENT

	UNITS
FORWARD CURRENT	30 mA
REVERSE VOLTAGE	5 V
POWER DISSIPATION	120 mW
OPERATING TEMPERATURE	-30 +80 °C
STORAGE TEMPERATURE	-30 +100 °C

Model Overlay Name OPERATING CHARACTERISTICS AT 25° C AMBIENT
 c16367-tc Number File Text

LED CHARACTERISTICS	MIN.	TYP.	MAX.	UNITS	TEST CONDITIONS
FORWARD VOLTAGE	0.01	3.5	4.0	V	I _f = 20 mA
REVERSE CURRENT			50	μA	V _r = 5 V
DOMINANT WAVELENGTH		525			I _f = 20 mA
LUMINOUS INTENSITY	1.3	2.2		cd	I _f = 20 mA
VIEWING ANGLE (2° 1/2)		30		deg.	

- NOTES:
- REQUIRES EXTERNAL RESISTOR.
 - ATTENTION: OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES. FOR EYE SAFETY DO NOT STARE DIRECTLY INTO THE LIGHT BEAM OF THESE LED DEVICES AT CLOSE RANGE.
 - DIALIGHT PART NUMBER: 561-5902-050, -060, -070, -080, -090, -100.

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SCALE 5:1

ALL DIM'S IN: INCHES

TOLERANCES: UNLESS OTHERWISE SPECIFIED
 FRACTIONS: ±1/64
 DECIMALS (.XXX): ±.020
 DECIMALS (.XXXX): ±.015

ANGLES: ±3°

FINISH:

FSCM 83330

DRAWING NUMBER: C-16439

REV: A

TITLE:

MATERIAL:

Dialight 1913 ATLANTIC AVE. MANASQUAN, N. J. 08736

SHEET OF FAMILY TABLE: