

## Excellent Integrated System Limited

Stocking Distributor

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

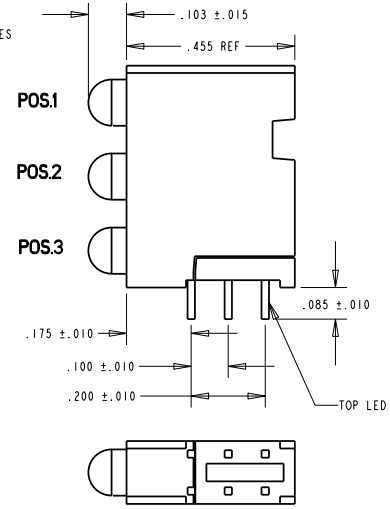
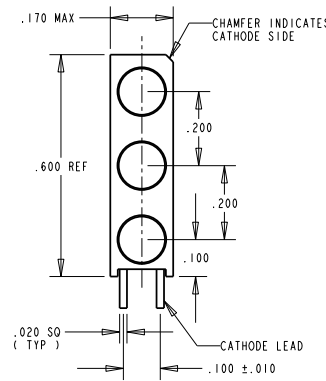
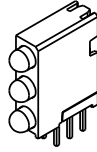
[Dialight](#)  
[5640100815F](#)

For any questions, you can email us directly:

[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

PART NUMBER and LEGEND	LED COLOR		
	POSITION 1	POSITION 2	POSITION 3
564-0100-815F	GREEN DIFFUSED	GREEN DIFFUSED	GREEN DIFFUSED

REV	ECN NO	REVISIONS	DRN	CKD	APP	DATE
A		NEW RELEASE	TWC			

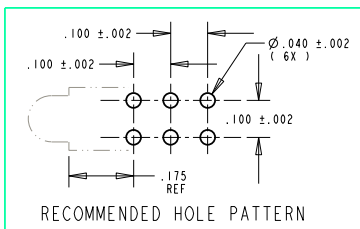


LED COLOR = GREEN					
OPERATING CHARACTERISTICS AT 25°C AMBIENT					
CHARACTERISTICS	MIN	TYP	MAX	UNITS	TEST CONDITIONS
LUMINOUS INTENSITY	4.7	12.6		mcd	I <sub>F</sub> = 10 mA
FORWARD VOLTAGE		2.1	2.8	V	I <sub>F</sub> = 20 mA
REVERSE CURRENT			100	µA	V <sub>R</sub> = 5 V
PEAK WAVELENGTH		565		nm	
VIEWING ANGLE		60		Degree	

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

**RoHS Compliant 564-0100-815F**

Part Numbers with the "F" suffix ending are RoHS Compliant.  
Packaging is marked with "RoHS Compliant" label or equivalent markings.  
Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.



**NOTES:**

- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- 2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- 3- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- 4- DIALIGHT PART NUMBER = 564-0100-815F

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SCALE: DRAWING SCALE	DRAWING NUMBER
ALL DIMS IN: INCHES (MM)	C-17362
TOLERANCES: UNLESS OTHERWISE SPECIFIED	REV A
FRACTIONS: ±1/64	TITLE
DECIMALS (.XX): ±.01	3X1 CBI BLOCK
DECIMALS (.XXX): ±.005	RoHS COMPLIANT
DECIMALS (.XXXX): ±.0005	MATERIAL
ANGLES: ±1°	
FINISH:	
FSCM 83330	Dialight
	1501 ROUTE 34 SOUTH, FARMINGDALE, NJ 07727
	SHEET 1 OF 1 FAMILY TABLE: