

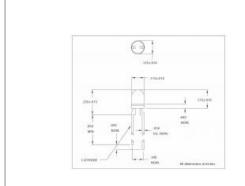


### **PRODUCTS**

# **Products**

### **LEDs**

CML IT is a world leader in the manufacturing of LEDs and LED assemblies. CML offers a wide variety of products utilizing LEDs as a light source. Our line of discrete LEDs consists of both through hole and SMT products in all of the standard industry sizes including 3mm, 5mm, 0603, 0805, 1206, PLCC and any others. All CML-IT LEDs are available off-the-shelf in a wide variety of colors and intensities. Binning for through LEDs is one competitive service of CML Innovative Technologies, please contact us.



Part Number: 4300F5LC Serial Number: 4300F LED Type: THRU HOLE Industry Size: T-1 Metric Size: 3.0 mm Output Color: GREEN Epoxy: GREEN DIFFUSED Peak Wave length (mA): 565 Minimum MCD: 1.0

Typical MCD: 2.1

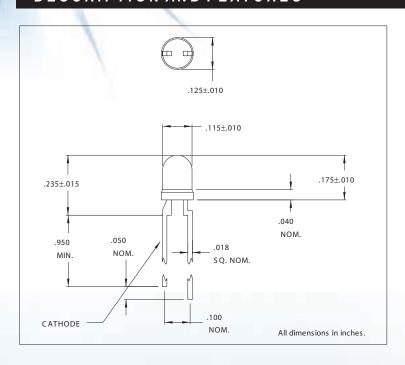
Forward Volt (Typical): 1.8 Forward Volt (Max): 2.2 Rate Current (mA): 2 Viewing Angle (°): 50 Operating Temperature: -0.2 Storage Temperature: -0.55 Power Dissipation: 24 Cont Forward Current Max: 7

RoHS Status: Yes



## 4300FLC Series T-1 Solid State LED Lamps

# DESCRIPTION AND FEATURES



### Features:

- T-1 Brite LEDs
- Requires only 2 mA.
- Ideal for limited-current power supplies.

### ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

PART NUMBER	4300F1LC	4300F5LC	4300F7LC
Output Color	Red	Green	Yellow
Diffusion	Diffused	Diffused	Diffused
Package Color	Red	Green	Yellow
Test Current (mA)	2	2	2
Forward Voltage Typ. (V)	1.8	1.8	1.9
Forward Voltage Max. (V)	2.0	2.2	2.5
Luminous Intensity Min. (mcd)	1.0	1.0	1.0
Luminous Intensity Typ. (mcd)	1.8	1.6	1.8
Luminous Intensity Max. (mcd)	-	-	-
Peak Wavelength (nm)	635	565	583
Viewing Angle (degrees)	50	50	50
Power Dissipation (mW)	24	24	36
Operating Temperature (°C)	-55 to +100	-20 to +100	-55 to +100
Storage Temperature (°C)	-55 to +100	-55 to +100	-55 to +100
Peak Forward Current Max. (1µs @ 10% duty cycle) (mA)	7	7	7
Reverse Voltage (IR=100μA) (V)	5	5	5
Lead Solder Time @ 260°C	5	5	5

