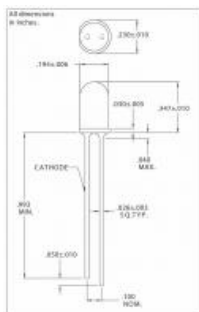




Products

LEDs

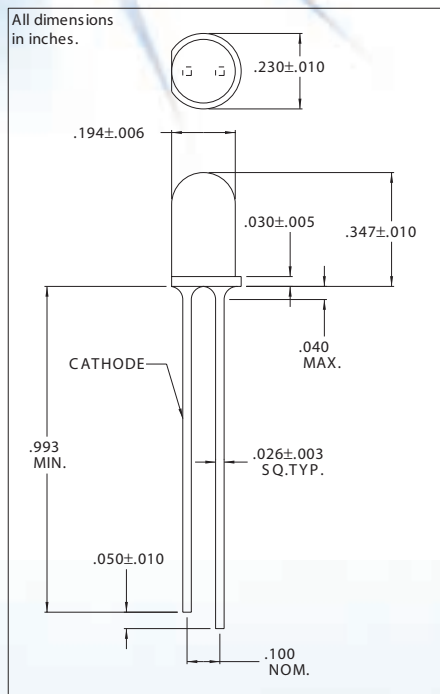
CML IT is a world leader in the manufacturing of LEDs and LED assemblies. CML offers a wide variety of products utilizing LEDs as a light source. Our line of discrete LEDs consists of both through hole and SMT products in all of the standard industry sizes including 3mm, 5mm, 0603, 0805, 1206, PLCC and 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: 4302H5-5V
Serial Number: 4302H
LED Type: THRU HOLE
Industry Size: T-1 3/4
Metric Size: 5.0 mm
Output Color: GREEN
Epoxy: GREEN DIFFUSED
Peak Wave length (nm): 565
Minimum MCD: 2.0
Typical MCD: 8.0
Forward Volt (Typical): 5.0
Forward Volt (Max): 7.5
Rate Current (mA): 10
Viewing Angle (°): 60
Operating Temperature: -0.235294118
Storage Temperature: -0.55
Power Dissipation:
Cont Forward Current Max: 15
RoHS Status: Yes

4302H-5V, 12V Series Integrated Resistor-5 Volt and 12 Volt Operation T-1 3/4 (5mm)

DESCRIPTION AND FEATURES



- Integral current limiting resistor.
- TLL compatible-requires no external current limiting resistor, will operate off 5 volt or 12 volt supply.
- Cost effective-saves valuable board space, resistor and assembly cost.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

PART NUMBER	4302H1-5V	4302H3-5V	4302H5-5V	4302H1-12V	4302H3-12V	4302H5-12V
Output Color	Red	Amber	Green	Red	Amber	Green
Diffusion	Diffused	Diffused	Diffused	Diffused	Diffused	Diffused
Package Color	Red	Amber	Green	Red	Amber	Green
Rated Current (mA)	10	10	12	13	13	13
Forward Voltage Typ. (V)	5	5	5	12	12	12
Forward Voltage Max. (V)	7.5	7.5	7.5	15	15	15
Luminous Intensity Min. (mcd)	2	2	2	2	2	2
Luminous Intensity Typ. (mcd)	8	8	8	8	8	8
Luminous Intensity Max. (mcd)	-	-	-	-	-	-
Peak Wavelength (nm)	635	583	565	635	583	565
Viewing Angle 20 1/2 (degrees)	60	60	60	60	60	60
Continuous Forward Current Max. (mA)	15	15	15	20	20	20
Reverse Breakdown Voltage Min. (V)	5	5	5	5	5	5

4302H-5V, 12V Series Integrated Resistor-
 5 Volt and 12 Volt Operation T-1 3/4 (5mm)