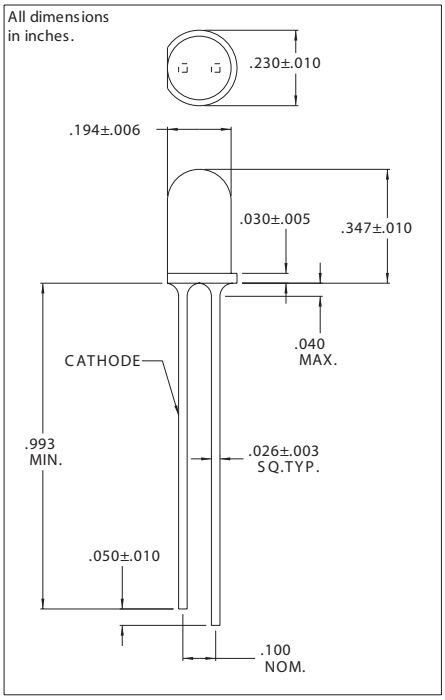
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CHICAGO MINIATURE LAMP, INC.
WHERE INNOVATION COMES TO LIGHT

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

DESCRIPTION AND FEATURES



- Integral current limiting resistor.
- TTL 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

Chicago Miniature Lamp reserves the right to make specification revisions that enhance the design and/or performance of the product