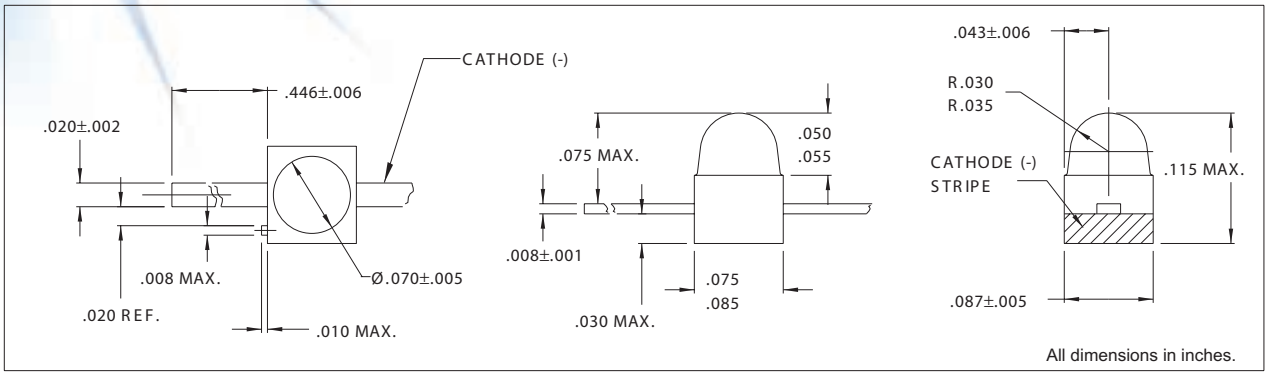
CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT

4302T-5VLC Sub Miniature 1.65mm Integrated Resistor-5 Volt Low Current

DESCRIPTION AND FEATURES



Sub-Miniature High Brite LED

- Integral current limiting resistor requires no external resistor with 5 volt supply.
- Space saving sub-miniature package.
- TTL and LSTTL compatible.
- Wide viewing angle.
- High efficiency red and amber use GaAsP on GaP.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

PART NUMBER	4302T1-5VLC	4302T3-5VLC	4302T5-5VLC
Output Color	Red	Amber	Green
Diffusion	Diffused	Diffused	Diffused
Package Color	Red	Amber	Green
Rated Current (mA)	4	4	4
Forward Voltage Typ. (V)	5	5	5
Forward Voltage Max. (V)	6	6	6
Luminous Intensity Min. (mcd)	0.8	0.9	0.9
Luminous Intensity Typ. (mcd)	2.0	4.0	2.0
Peak Wavelength (nm)	635	583	565
Viewing Angle 2θ 1/2 (degrees)	90	90	90
Continuous Forward Current Max. (mA)	5	5	5
Reverse Breakdown Voltage Min. (V)	5	5	5
Forward Current @ Vf=5V Typ.	3.5	3.5	3.5
Forward Current @ Vf=5V Typ.	5	5	5

CML INNOVATIVE TECHNOLOGIES
WHERE INNOVATION COMES TO LIGHT

America:
CML Innovative Technologies,Inc.
147 Central Avenue
Hackensack -NJ 07601 -USA
Tel:1-201-489 -8989
Fax:1-201-489 -6911
e-mail:americas@cml-it.com

Europe:
CML Technologies GmbH &Co.KG
Robert-Bunsen-Str.1
67098 Bad Dürkheim -GERMANY
Tel:+49 (0)6322 9567-0
Fax:+49 (0)6322 9567-88
e-mail:europe@cml-it.com

Asia:
CML Innovative Technologies,Inc.
61 Aida Street
Singapore 459975
Tel:(65)9630 -5003
e-mail:asia@cml-it.com

CML-IT reserves the right to make specification revisions that enhance the design and/or performance of the product