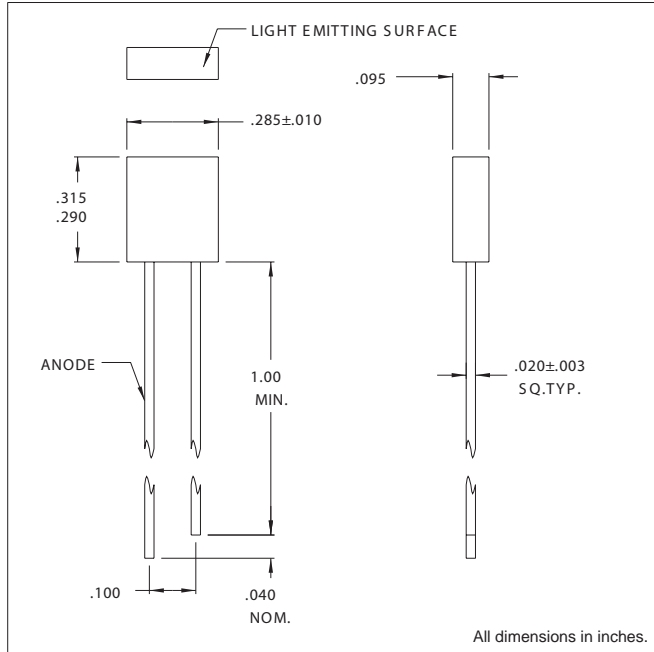




4306R Series Rectangular 2.4 x 7.3mm SMT LEDs

DESCRIPTION AND FEATURES



Features:

- Rectangular High Brite LED
- High Efficiency red GaAsP on GaP.
 - High intensity light output uniformly spread over front surface.
 - Ideal for flush mounted panel indicators or for backlighting legends.

ELECTRO-OPTICAL CHARACTERISTICS AND RATINGS

PART NUMBER	4306R1	4306R3	4306R5	4306R7
Output Color	Red	Amber	Green	Yellow
Diffusion	Diffused	Diffused	Diffused	Diffused
Package Color	Red	Amber	Green	Yellow
Rated Current (mA)	25	20	20	20
Forward Voltage Typ. (V)	2.1	2.2	2.3	2.2
Forward Voltage Max. (V)	3.0	3.0	3.0	3.0
Luminous Intensity Min. (mcd)	2.5	1.5	1.5	3.0
Luminous Intensity Typ. (mcd)	5.0	3.5	7.0	5.0
Capacitance @ V=0 (pF)	17	6	18	17
Peak Wavelength (nm)	635	600	565	583
Viewing Angle 2θ 1/2 (degrees)	100	100	100	100
Power Dissipation (mW)	135	135	135	85
Continuous Forward Current Max. (mA)	30	30	30	30
Reverse Breakdown Voltage Min. (V)	5	5	5	5
Peak Forward Current Max. (1ms-300pps) (A)	.09	.09	.09	.06