

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 | 2.2 | 2 |
| Luminous Intensity Typ. (mcd) | 8 | - | 8 | 8 | - | 8 |
| Luminous Intensity Max. (mcd) | - | - | - | - | - | - |
| Peak Wavelength (nm) | 635 | 583 | 565 | 635 | 583 | 565 |
| Viewing Angle 2θ 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 |