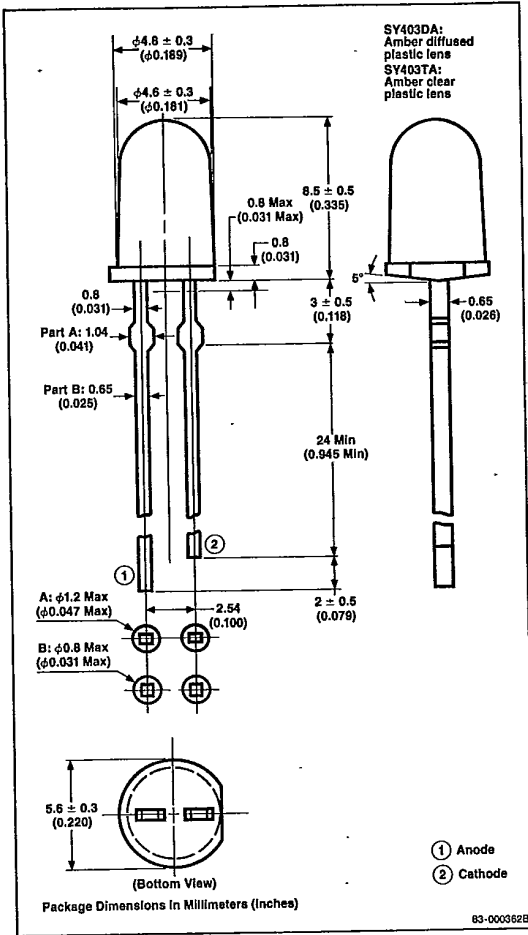


Description

The SY403DA and SY403TA are full resin-molded lamps which emit bright, vivid amber light. They are especially suitable for electronic equipment in audio applications which require high-brightness displays.

Package Dimensions



Features

- High intensity
- Wide angle
- Long lead
- Good sensitivity—590nm
- Low cost
- Compatible and integrated circuits

Applications

- Visual displays
- Guard systems
- Mobile equipment indicators
- Stereo equipment indicators
- Transceiver indicators

Absolute Maximum Ratings

T_A = +25°C

Power Dissipation, P _D	100mW
Forward Current, I _F	40mA
Reverse Voltage, V _R	5V
Junction Temperature, T _J	100°C
Storage Temperature, T _{STG}	-40°C to +100°C

Electro-Optical Characteristics

T_A = +25°C

Parameters	Symbol	Limits			Unit	Test Conditions
		Min	Typ	Max		
Forward Voltage	V _F		2.1	2.5	V	I _F = 10mA
Reverse Current	I _R		0.01	10	μA	V _R = 4.5V
Capacitance	C _T		60		pF	V = 0, f = 1.0MHz
Peak Emission Wavelength	λ _{PEAK}		590		nm	I _F = 10mA
Spectral Line Half Width	Δλ		40		nm	I _F = 10mA
Luminous Intensity (SR403DA)	I _V	2	5		mcd	I _F = 10mA
Luminous Intensity (SR403TA)	I _V	5	10		mcd	I _F = 10mA



Typical Characteristics

T_A = +25°C

