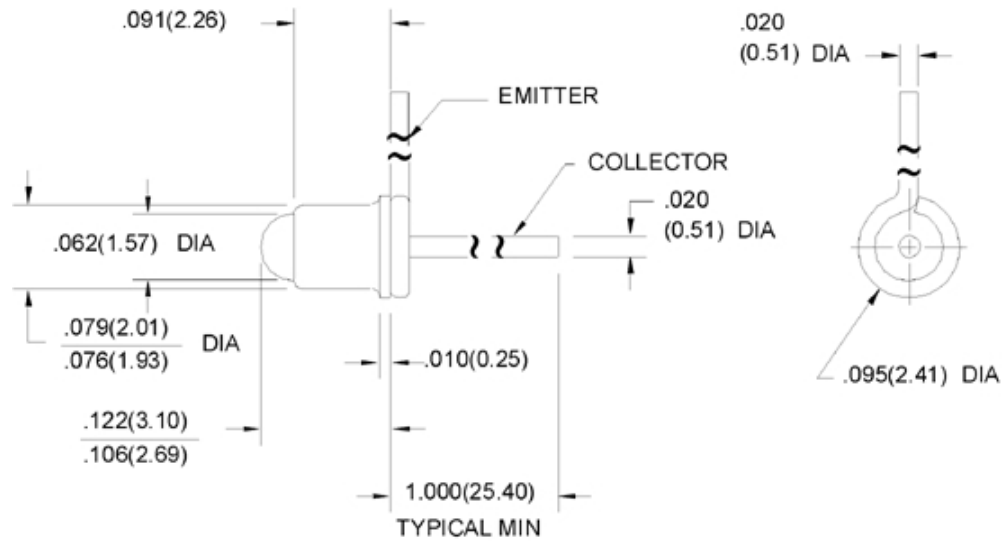


## SD1440-004L



The SD1440 is an NPN silicon phototransistor mounted in a glass lensed metal can coaxial package. The package may have a tab or second lead welded to the can as an optional feature (SD1440-XXXL). Both leads are flexible and may be formed to fit various mounting configurations.

### Features:

- Compact, metal can coaxial package
- 24° (nominal) acceptance angle
- Wide sensitivity ranges
- Wide operating temperature range [-55°C to 125°C]
- Mechanically and spectrally matched to SE1450 and SE1470 infrared emitting diodes

### Product Specifications

<b>Series Name</b>	Phototransistor
<b>Product Type</b>	IR Component
<b>Angular Response (Degree)</b>	24
<b>Light Current Minimum</b>	6mA
<b>Package Style</b>	Coaxial, Lead Case
<b>Package Components</b>	Metal
<b>Reverse Breakdown Voltage</b>	50V
<b>Output Wavelength</b>	935nm
<b>Rise and Fall Time</b>	15µs
<b>Power Dissipation</b>	75mW
<b>Operating Temperature Range</b>	-55°C to 125°C
<b>Dark Current</b>	100nA
<b>Collector-Emitter Breakdown Voltage</b>	30V
<b>Emitter-Collector Breakdown Voltage</b>	5V
<b>Collector-Emitter Saturation Voltage</b>	0.4V