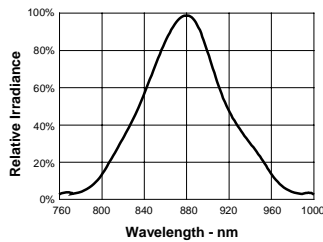


Ceramic Discrete Surface Mount Emitters and Detectors

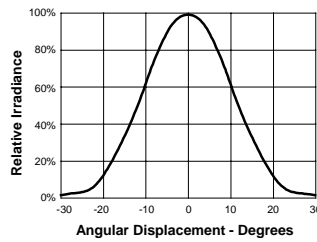
SME/SMD Series

TYPICAL IRED PERFORMANCE CHARACTERISTICS (when solder mounted to PC board)

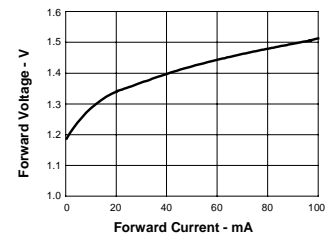
SME2470 Spectral Bandwidth



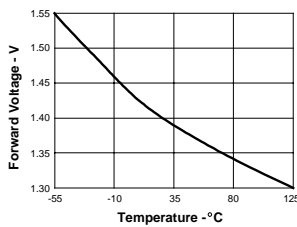
SME2470 Irradiance vs Angular Displacement



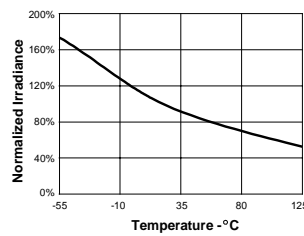
SME2470 Forward Current vs Forward Voltage



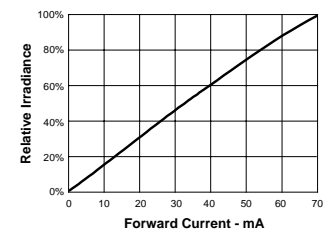
SME2470 Forward Voltage vs Temperature



SME2470 Irradiance vs Temperature

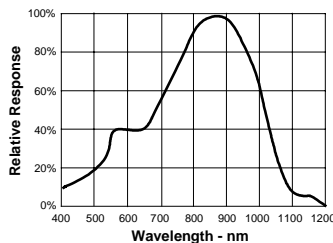


SME2470 Irradiance vs Forward Current

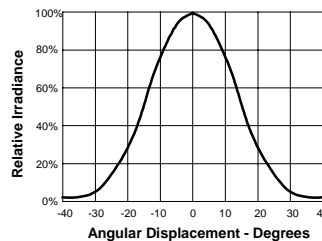


TYPICAL SMD2440 AND SMD2420 SERIES PERFORMANCE CHARACTERISTICS (when solder mounted to PC board)

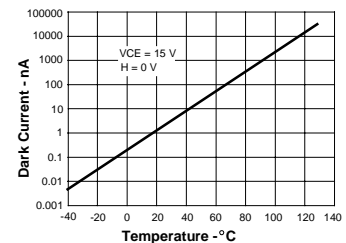
SMD2440 and SMD2420 Spectral Responsivity



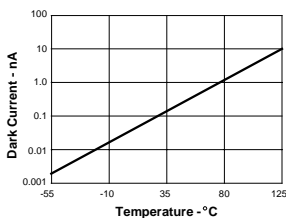
SMD2440 and SMD2420 Responsivity vs Angular Displacement



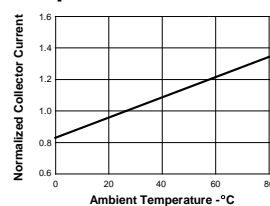
SMD2440 Dark Current vs Temperature



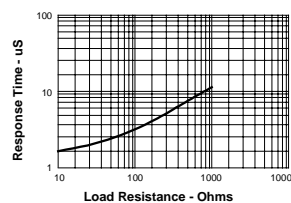
SMD2420 Dark Current vs Temperature



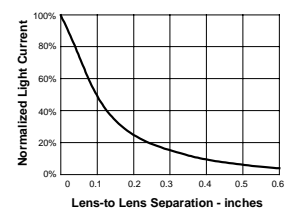
SMD2440 Collector Current vs Ambient Temperature



SMD2440 Non-saturated Switching Time vs Load Resistance

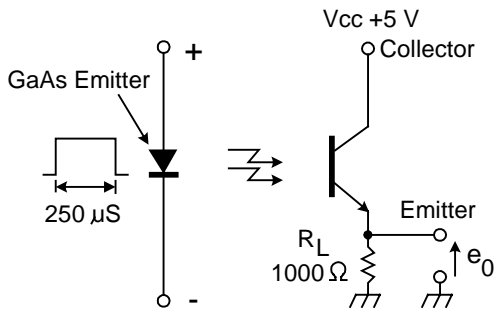


SME to SMD Coupling Characteristics

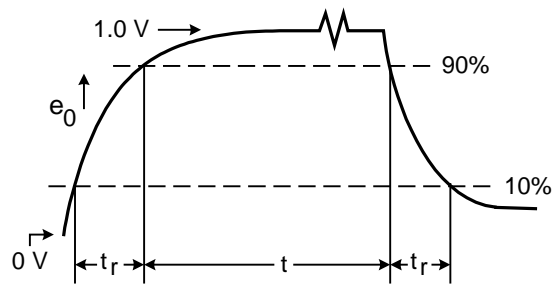


Ceramic SME/SMD Series

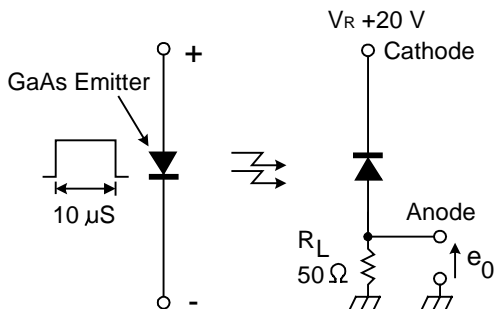
SMD2440 Switching Time Test Circuit



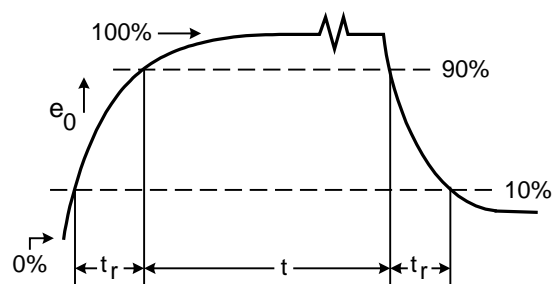
SMD2440 Switching Waveform



SMD2420 Switching Time Test Circuit



SMD2420 Switching Waveform



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