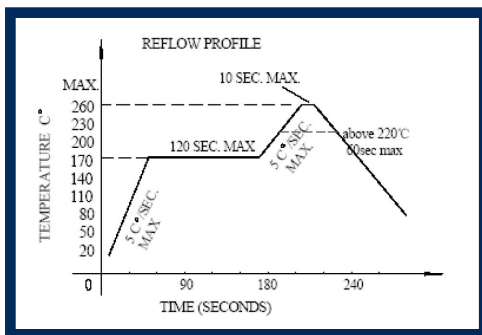
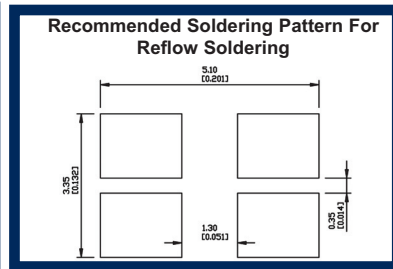
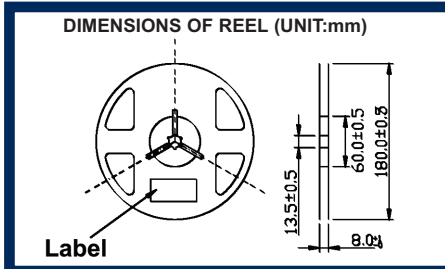
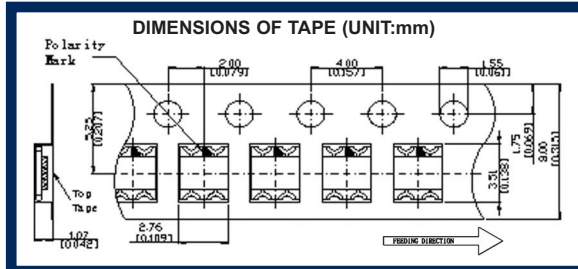




### MECHANICAL DIMENSIONS



	REFLOW SOLDERING	HAND SOLDERING
Pre-heat	160~180°C	Temperature 300°C Max.
Pre-heat time	120 seconds Max.	
Peak temperature	260°C Max.	Soldering time 3 second Max (one time only)
Soldering time	10 seconds Max.	
Condition	Refer to temperature -profile	

### OPTICAL AND ELECTRICAL CHARACTERISTICS CURVES

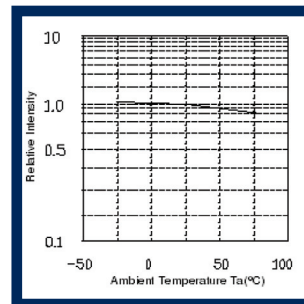
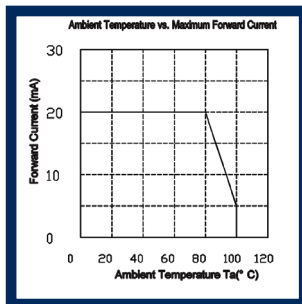
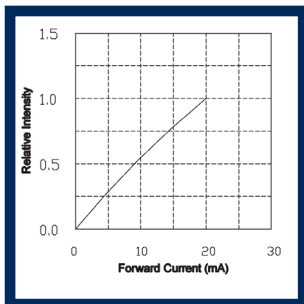
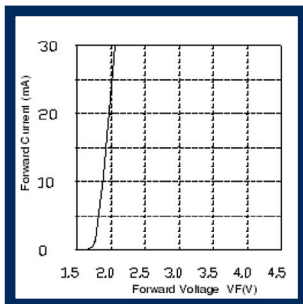
RED 630-642NM, RED-ORANGE 620-630NM, ORANGE 600-610NM, YELLOW 590-595NM, YELLOW 583-590NM, YELLOW GREEN 570-575NM, GREEN 562-570NM

FORWARD VOLTAGE VS FORWARD CURRENT (Ta=25°C)

RELATIVE INTENSITY VS FORWARD CURRENT (Ta=25°C)

DERATING

RELATIVE INTENSITY VS AMBIENT TEMPERATURE



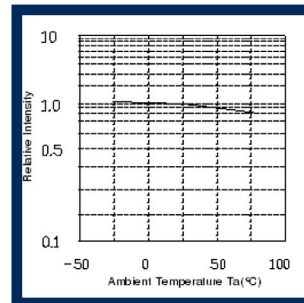
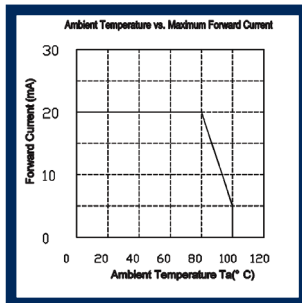
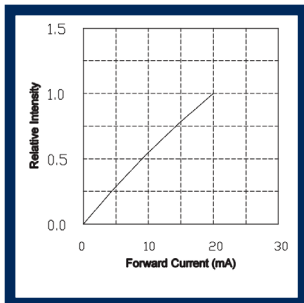
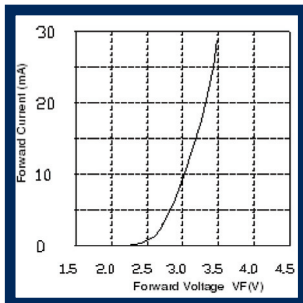
GREEN 520-525NM, BLUE 470-475NM

FORWARD VOLTAGE VS FORWARD CURRENT (Ta=25°C)

RELATIVE INTENSITY VS FORWARD CURRENT (Ta=25°C)

DERATING

RELATIVE INTENSITY VS AMBIENT TEMPERATURE



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