

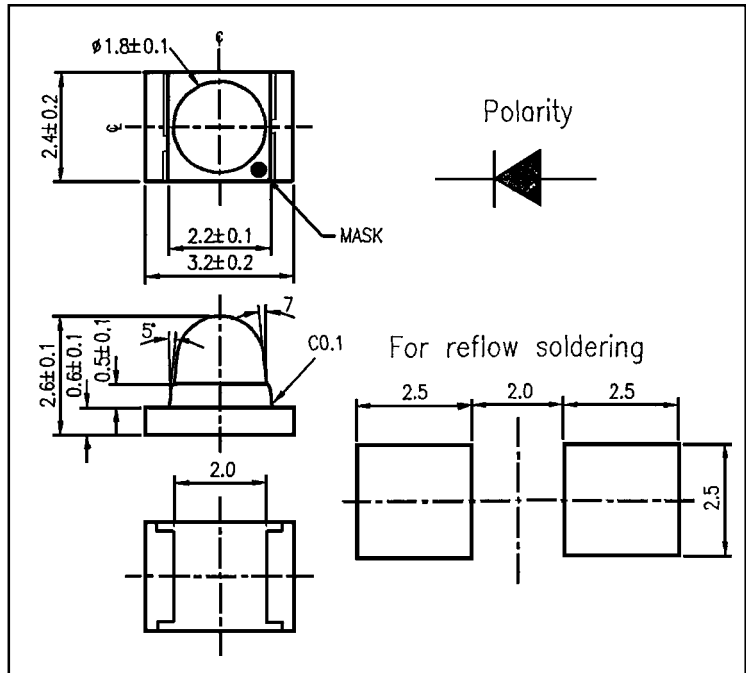
# Surface Mount LEDs

## Product Features -

- Compatible with Automatic Placement Equipment
- Packaged in 12.0mm Tape on 7" Diameter Reel
- Surface Mount LED Lamp
- Long Life Solid State Reliability
- 1000 Pieces per Reel

## MAXIMUM RATINGS

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current	$I_F$	40	mA
Reverse Voltage	$V_R$	4	V
Power Dissipation	$P_D$	110	mW
Operating Temperature	$T_{opr}$	-30 ~ 85	°C
Storage Temperature	$T_{stg}$	-30 ~ 90	°C



## OPTO-ELECTRICAL CHARACTERISTICS ( $T_a = 25^\circ\text{C}$ )

Part Number	Color	Material	Lens Color	Viewing Angle	Luminous Intensity (mcd)			Forward Voltage (V)			Peak Wave Length
				typ.	min.	typ.	@mA	typ.	max.	@mA	nm
MTSM2142A-UR	RED	GaAlAs ON GaAs	Water Clear	30°	280.5	484.5	20	1.7	2.4	20	660

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## MTSM2142A Graphs

