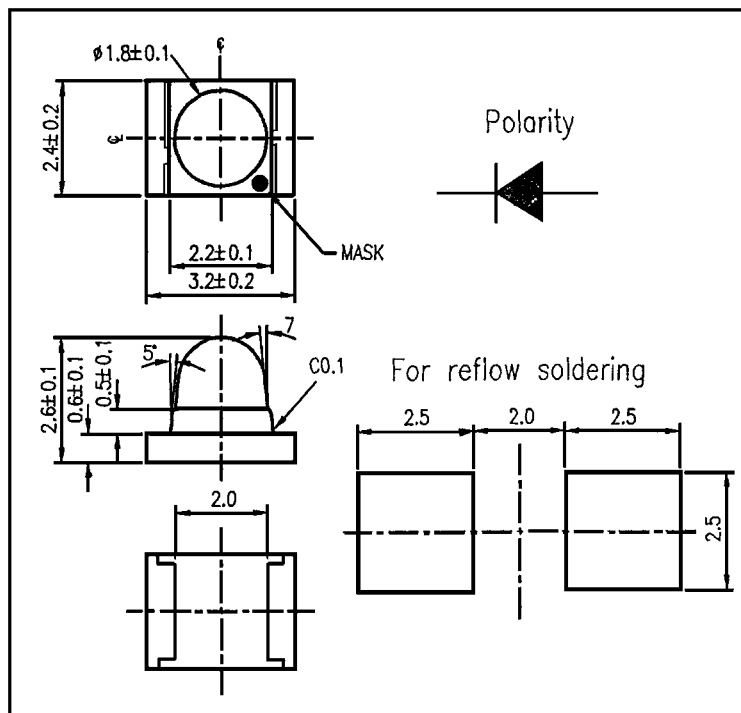


Features

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



Series Line-Up

Part Number	Color	Material
MTSM2142A-UR	Super Ultra Bright Red	GaAlAs

Maximum Ratings (Ta=25°C)

Part Number	Forward Current I _F	Reverse Voltage V _R	Power Dissipation P _d	Operating Temperature T _{opr}	Storage Temperature T _{stg}
MTSM2142A-UR	40		110.00	-30 ~ 85	-30 ~ 90
Unit	mA	V	mW	°C	°C

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 Toll Free: 800.984.5337
 Fax: 518.432.7454

West Coast Sales Office
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 Costa Mesa, California 92626
 Toll Free: 800.984.5337
 Fax: 714.850.9314

Electrical and Optical Characteristics (Ta=25°C)

Part Number	PWL nm λ_P	Material	View Angle $2\theta_{1/2}$	Luminous Intensity I_v				Forward Voltage V_F				Rev Current I_R	
				min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@
MTSM2142A-UR	660	GaAlAs	30°	280.50	484.50	–	20mA	–	1.70	2.40	20mA	–	–
–	nm	–	deg	mcd				–	V		–	μA	–