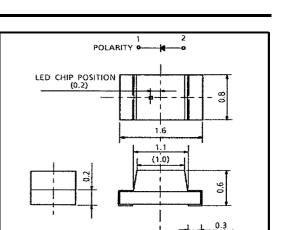
Features

1.6 x 0.8 x 0.6 mm (L x W x H) InGaAIP Technology Reflow Soldering is possible Standard embossed taping 2 mm pitch : T05 (8000 pcs/reel) 0603 Surface Mount Package

Applications

Backlighting for battery–powered equipment Pilot light for compact equipment Low–power electronic equipment



CATHODE INDEX

Recommended soldering pattern

0.80 + 0.70 + 0.80 -

2

TOLERANCE : ±0.1 mm

0.80

Series Line-Up

Part Number	Color	Material		
TLAU1008A	Amber	InGaAIP		
TLGU1008A	Ultra Bright Yellow Green	InGaAIP		
TLOU1008A	Ultra Bright Orange	InGaAIP		
TLPGU1008A	Ultra Pure Green	InGaAIP		
TLSU1008A	Ultra High Efficiency Red	InGaAIP		
TLYU1008A	Ultra Bright Yellow	InGaAIP		

Maximum Ratings (Ta=25°C)

Part Number	Forward Current	Reverse Voltage VR	Power Dissipation PD	Operating Temperature Topr	Storage Temperature T _{stg}		
TLAU1008A	25	4	62.00	-30 ~ 85	-30 ~ 85		
TLGU1008A	25	4	62.00	-30 ~ 85	-30 ~ 85		
TLOU1008A	25	4	62.00	-30 ~ 85	-30 ~ 85		
TLPGU1008A	25	4	62.00	-30 ~ 85	-30 ~ 85		
TLSU1008A	25	4	60.00	-30 ~ 85	-30 ~ 85		
TLYU1008A	25	4	62.00	-30 ~ 85	-30 ~ 85		
Unit	mA	V	mW	°C	°C		

Company Headquarters

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Toshiba TLxU1008A SMT LEDs

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Part Number	PWL nm λP	Material	View Angle	Luminous Intensity		y	Forward Voltage				Rev Current		
		2 0 1/2	min.	typ.	max.	IF@	min.	typ.	max.	IF@	max.	VR@	
TLAU1008A	596	InGaAIP	110 [°]	8.50	30.00	_	20mA	_	2.10	2.50	20mA	50	4V
TLGU1008A	574	InGaAIP	110 [°]	8.50	30.00	_	20mA	_	2.10	2.50	20mA	50	4V
TLOU1008A	612	InGaAIP	110 [°]	27.20	78.00	_	20mA	_	2.10	2.50	20mA	50	4V
TLPGU1008A	562	InGaAIP	110 [°]	1.53	6.00	_	20mA	-	2.10	2.50	20mA	50	4V
TLSU1008A	636	InGaAIP	110 [°]	27.20	60.00	-	20mA	-	2.00	2.40	20mA	50	4V
TLYU1008A	590	InGaAIP	110 [°]	8.50	30.00	_	20mA	-	2.20	2.50	20mA	50	4V
_	nm	-	deg		mcd		-		V		_	μ Α	-

Electrical and Optical Characteristics (Ta=25°C)

NOTICE:

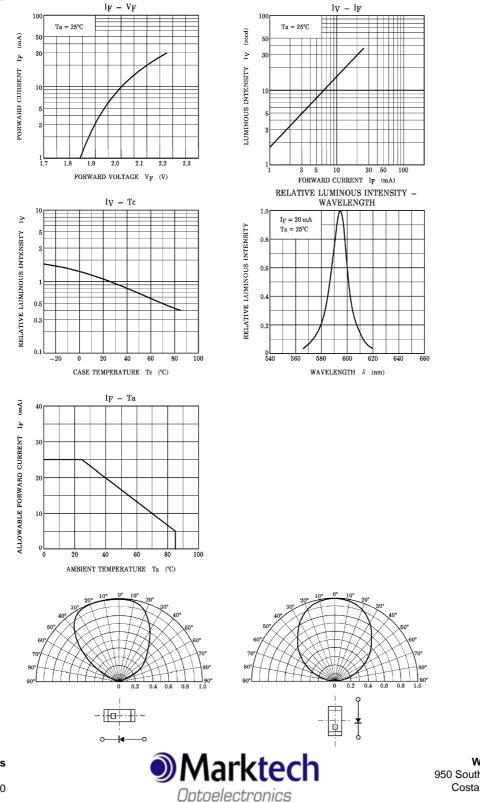
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TLAU1008A Graphs

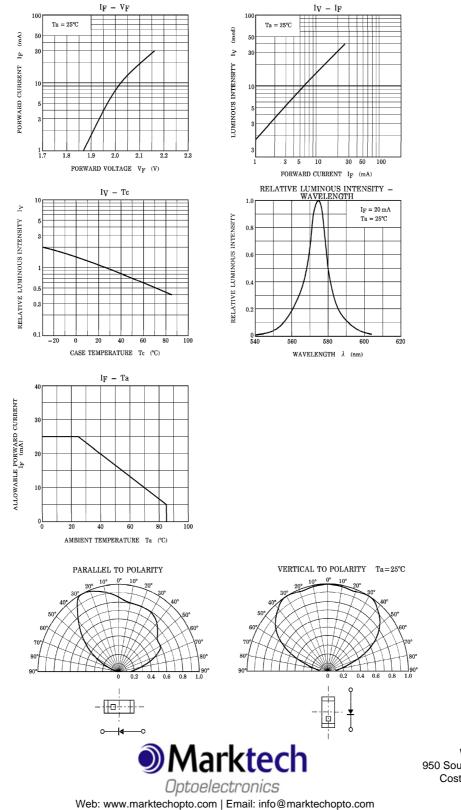


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Toshiba TLxU1008A SMT LEDs

TLGU1008A Graphs

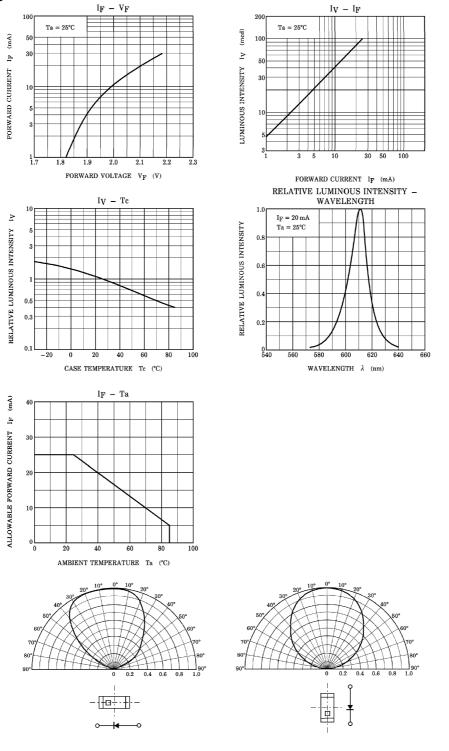


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Toshiba TLxU1008A SMT LEDs

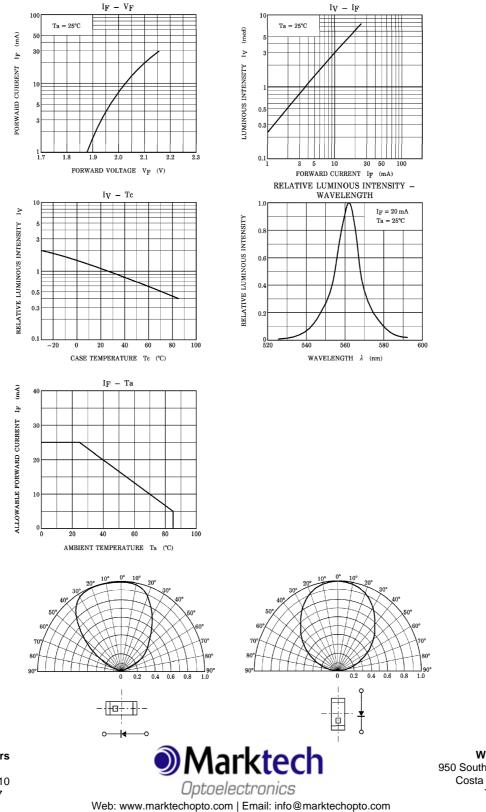
TLOU1008A Graphs



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Toshiba TLxU1008A SMT LEDs

TLPGU1008A Graphs

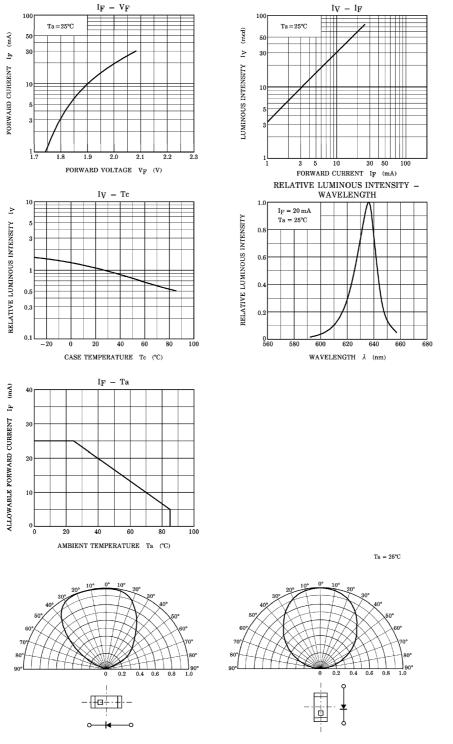


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Toshiba TLxU1008A SMT LEDs

TLSU1008A Graphs



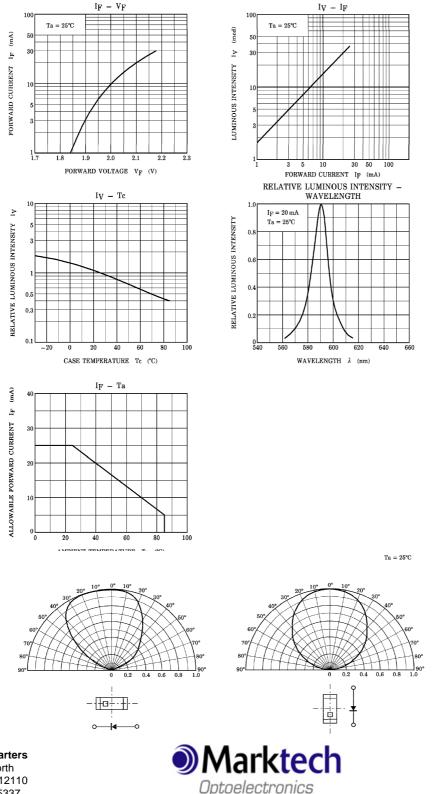
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Toshiba TLxU1008A SMT LEDs

TLYU1008A Graphs



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