

Surface Mount Light Emitting Diodes (LEDs)
— Continued

Surface Mount -TLxx1102 Series

TOSHIBA



L = 3.2, W = 2.8, H = 3.4

Colour	View Angle	Typ. Lum. Intensity (mcd) @ 20mA	Peak Wave length	Forward Voltage Typ.	PIV	Mfrs. List No.	Order Code
Untinted Diffused Lens							
Red	60°	85	636nm	2.0	4	TLSU1102	324-6309
Orange	60°	85	612nm	2.0	4	TLOU1102	324-6310
Yellow	60°	47.6	590nm	2.1	4	TLYU1102	324-6322
Green	60°	47.6	574nm	2.3	4	TLGU1102	324-6334
Pure Green	60°	8.5	562nm	2.3	4	TLPGU1102	324-6346

OPT707

Colour	Mfrs. List No.	Order Code	5+	100+	250+	500+	1000+
Red	TLSU1102	324-6309					
Orange	TLOU1102	324-6310					
Yellow	TLYU1102	324-6322					
Green	TLGU1102	324-6334					
Pure Green	TLPGU1102	324-6346					

Surface Mount -TLxx1002 Series

TOSHIBA



L = 2.0, W = 1.25, H = 1.1

Colour	View Angle	Typ. Lum. Intensity (mcd) @ 20mA	Peak Wave length	Forward Voltage Typ.	PIV	Mfrs. List No.	Order Code
Untinted Clear Lens							
Red	125°	15.3	644nm	2.4	4	TLRE1002	324-6401
Red	125°	8.5	636nm	2.4	4	TLSU1002	324-6413
Orange	125°	27.2	612nm	2.4	4	TLOE1002	324-6425
Orange	125°	15.3	612nm	2.4	4	TLOU1002	324-6437
Yellow	125°	27.2	590nm	2.5	4	TLYE1002	324-6449
Yellow	125°	8.5	590nm	2.5	4	TLYU1002	324-6450
Green	125°	8.5	574nm	2.8	4	TLGU1002	324-6462
Pure Green	125°	1.53	562nm	2.8	4	TLPGU1002	324-6474

OPT706

Colour	Mfrs. List No.	Order Code	5+	100+	250+	500+	1000+
Red	TLRE1002	324-6401					
Red	TLSU1002	324-6413					
Orange	TLOE1002	324-6425					
Orange	TLOU1002	324-6437					
Yellow	TLYE1002	324-6449					
Yellow	TLYU1002	324-6450					
Green	TLGU1002	324-6462					
Pure Green	TLPGU1002	324-6474					

Surface Mount -TLxx1100 Series

TOSHIBA



L = 3.2, W = 2.8, H = 1.9

Colour	View Angle	Typ. Lum. Intensity (mcd) @ 20mA	Peak Wave length	Forward Voltage Typ.	PIV	Mfrs. List No.	Order Code
Untinted Clear Lens							
Red	120°	27.2	636nm	2.0	4	TLSU1100	324-6358
Orange	120°	47.6	612nm	2.0	4	TLOU1100	324-6360
Yellow	120°	15.3	590nm	2.1	4	TLYU1100	324-6371
Green	120°	15.3	574nm	2.3	4	TLGU1100	324-6383
Pure Green	120°	4.76	562nm	2.3	4	TLPGU1100	324-6395

OPT705

Colour	Mfrs. List No.	Order Code	5+	100+	250+	500+	1000+
Red	TLSU1100	324-6358					
Orange	TLOU1100	324-6360					
Yellow	TLYU1100	324-6371					
Green	TLGU1100	324-6383					
Pure Green	TLPGU1100	324-6395					

Surface Mount – Indicator Lamps

multicomp



H = 1.5, W = 3.0, D = 2.2
Leads = 0.5 0.15
Overall width across leads = 4.5

Supplied on tape in multiples of 5 (reel = 1500 pcs.)

Colour	View Angle	Lum. Intensity (mcd) @ I _F = 20mA		I _F (mA) (max.)	PIV (max.)	Order Code
		min.	max.			
Ultra Red	90°	70	300	30	5	620-920
Yellow	90°	8	40	30	5	620-932
Ultra Green	90°	8	40	25	5	620-944

OPT363

Order Multiple=5

Price Each

Colour	Order Code	5+	25+	50+	100+	250+
Ultra Red	620-920					
Yellow	620-932					
Ultra Green	620-944					

Surface Mount, with Light Pipe

MENTOR



Light-pipe L = 7.2, Dia. = 3.0
overall dimensions with light pipe fitted
H = 5.1, W = 4.1, D = 14.1

LED, H = 4.3, W = 2.5, D = 5.7

This range of LEDs have a clip-on light-pipe. When the LEDs are fitted on a standard PCB matrix, the light pipes length is appropriate for front panels.

Colour	View Angle	Typ. Luminous Intensity (mcd)	I _F (mA) max.	PIV max.	Mfrs. List No.	Order Code
Tinted Diffused Lens						
7.2mm						
Red	30°	2.5 @ 20mA	25	5	2637.2131	621-766
Yellow	30°	2.0 @ 20mA	25	5	2637.7131	621-778
Green	30°	4.0 @ 20mA	25	5	2637.8131	621-780

OPT370

Colour	Order Code	1+	25+	50+	100+	250+
Red	621-766					
Yellow	621-778					
Green	621-780					

Surface Mount, Super Bright RGB

MARL



H = 1.2, W = 3, D = 3

Colour	View Angle	Lum. Intensity (mcd) @ I _F = 20mA	I _F (mA) max.	PIV max.	Order Code
RGB - Red/Green/Blue	140°	55/160/50	40/25/25	4/5/5	301-3509

OPT607

Colour	Order Code	1+	5+	10+	25+	50+
Untinted Clear lens	301-3509					

Surface Mount – SOT-23

Infineon technologies



Supplied on 8mm width tape in multiples of 10 (reel = 3K pcs).

Overall dimensions (max): H = 1.1, W = 2.6, L = 3.0

Colour	View Angle	Typ. Lum. Intensity (mcd)	I _F (mA) (max.)	PIV (max.)	Mfrs. List No.	Order Code
Tinted Diffused Lens						
HE Red	140°	1.0 @ 10mA	30	5	LSS260-DO	515-656
Yellow	140°	1.0 @ 10mA	30	5	LYS260-DO	515-668
Green	140°	1.0 @ 10mA	30	5	LGS260-DO	515-670

OPT234

Colour	Order Code	10+	100+	250+	500+	1K+
HE Red	515-656					
Yellow	515-668					
Green	515-670					