

TOSHIBA LED DISPLAY

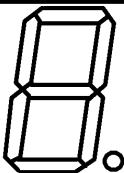
**TLG346T, TLG347T, TLS346T
TLS347T, TLR346T, TLR347T**

- 10mm (0.4") Character Height Numerical Display.
- Application : Numerical Readout for Instrument and Consumer Product.
- Luminous Intensity Ranking Performed Uniform Display.
- Available Both Types of Package Colors.
 TL□xxxS : Gray Color Coated Only on Surface.
 TL□xxxT : Black Color Coated Only on Surface.

PRODUCT LINE UP

TLG346T / TLG347T	GaP GREEN
TLS346T / TLS347T	GaAsP RED
TLR346T / TLR347T	GaP RED

TYPE No. vs FULLY DISPLAY FONT

COMMON CATHODE	COMMON ANODE	FULLY DISPLAY FONT
TLG346T TLS346T TLR346T	TLG347T TLS347T TLR347T	

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
DC Forward Current / seg.	I _F (DC) / seg	20	mA
Pulse Forward Current / seg. (Note)	I _{FP} / seg	110	mA
Reverse Voltage / seg.	V _R	6	V
Operating Temperature Range	T _{opr}	-40~85	°C
Storage Temperature Range	T _{stg}	-40~85	°C

Note : Pulse Width = 1ms, Duty Ratio = 1 / 10

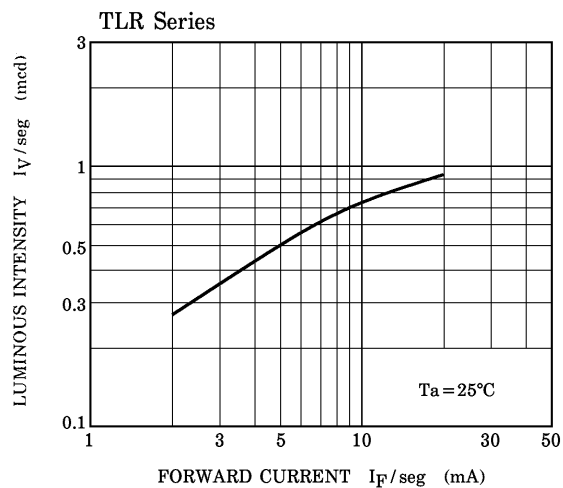
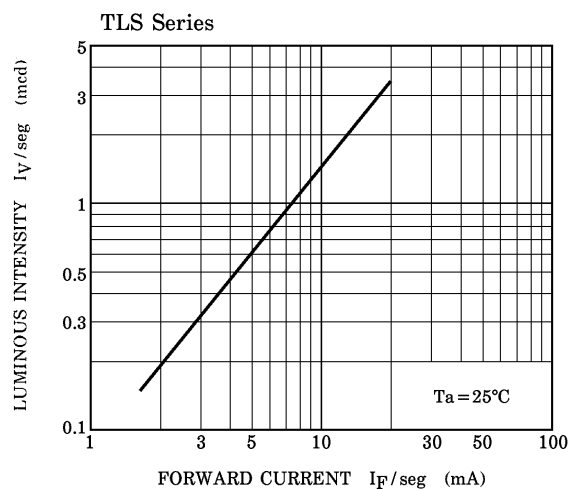
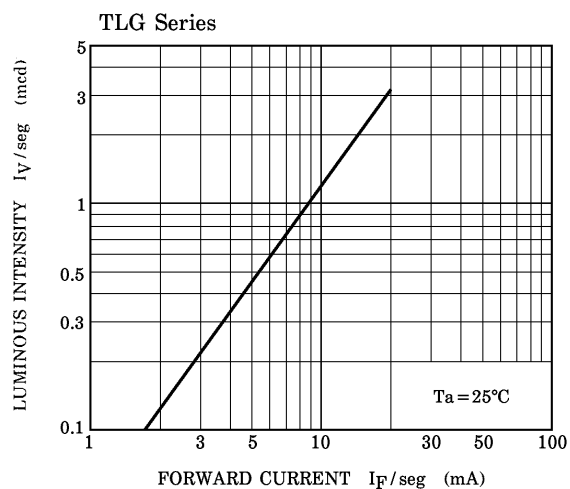
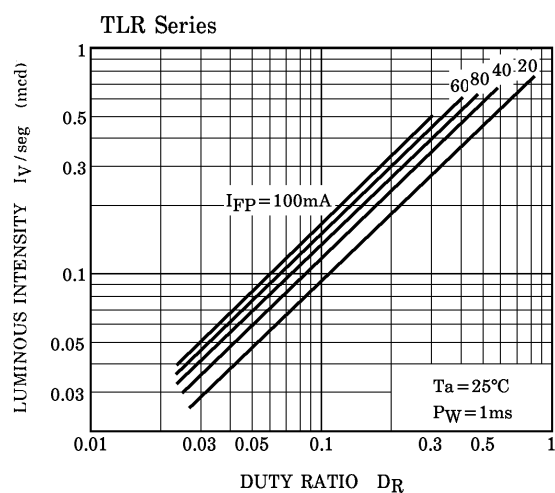
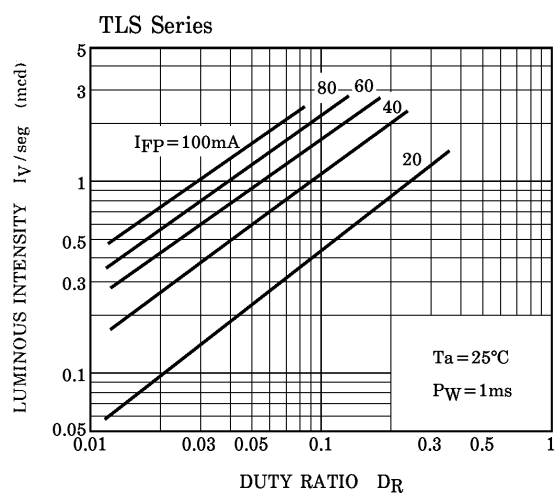
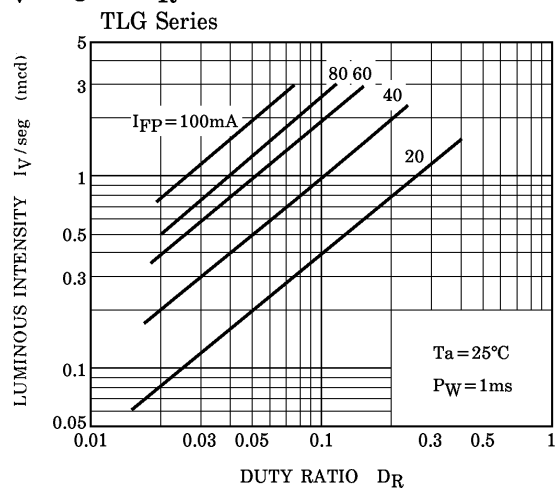
ELECTRICAL-OPTICAL CHARACTERISTICS (Ta = 25°C)

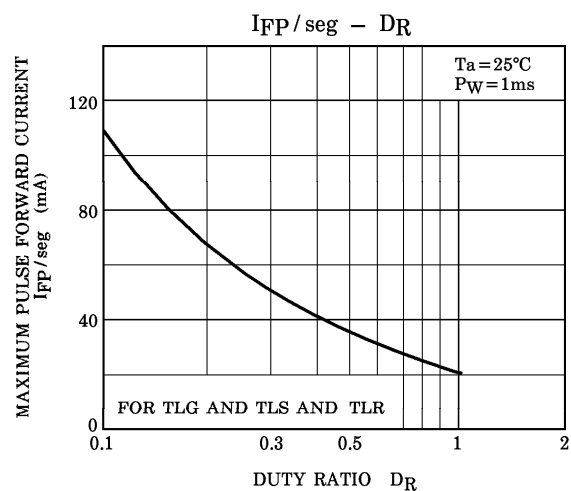
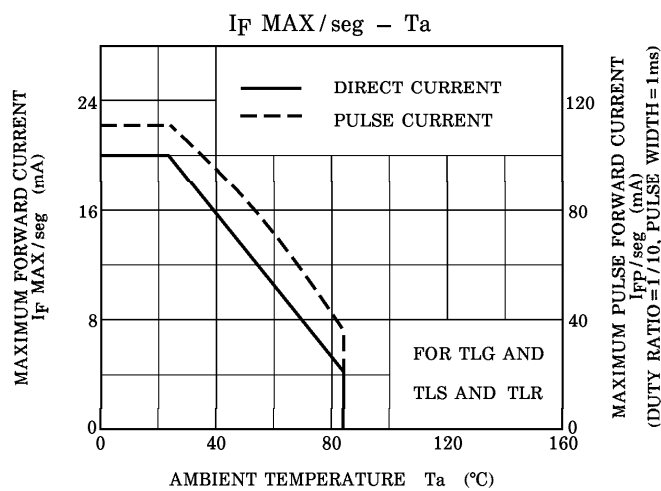
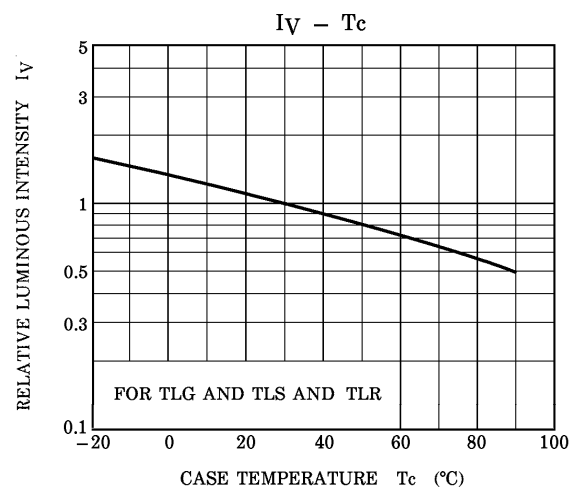
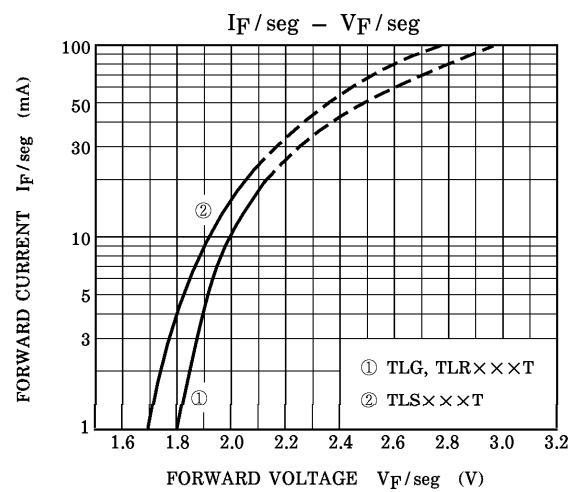
TYPE No.	EMITTING WAVE LENGTH			LUMINOUS INTENSITY I _V / seg			FORWARD VOLTAGE V _F / seg				REVERSE CURRENT I _R / seg		LUMINOUS INTENSITY MATCHING RATIO I _{V-M}	
	λ _p	Δλ	I _F /seg	Min.	Typ.	I _F /seg	Min.	Typ.	Max.	I _F /seg	Max.	V _R /seg	Max.	I _F /seg
TLG Series	565	30	10	0.54	1.22	10	1.7	2.0	2.5	10	5	6	2.3	10
TLS Series	635	40		0.72	1.64		1.7	1.9	2.5					
TLR Series	700	100		0.23	0.52	5	1.4	2.0	2.5					5
UNIT	nm		mA	mcd		mA	V			mA	μA	V	—	mA

PRECAUTION

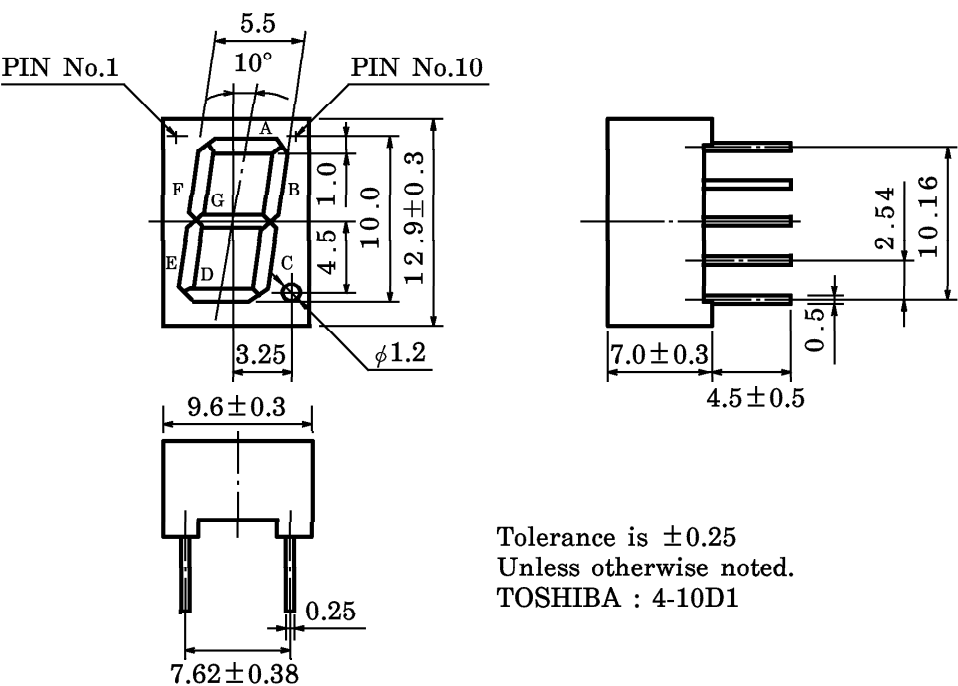
Please be careful of the following.

- Soldering temperature should be less than 260°C for 3 seconds at 2.0mm from the seating plane.

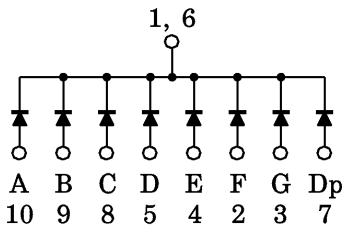
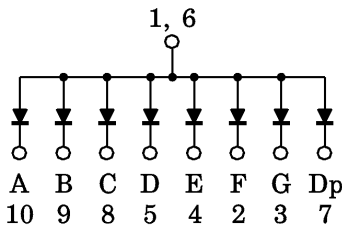
$I_V/\text{seg} - I_F$  $I_V/\text{seg} - D_R$ 



OUTLINE DIMENSIONS



PIN CONNECTION

346T Series				347T Series			
							
PIN No.	CONNECTION			PIN No.	CONNECTION		
1	Common Cathode			1	Common Anode		
2	Anode F			2	Cathode F		
3	Anode G			3	Cathode G		
4	Anode E			4	Cathode E		
5	Anode D			5	Cathode D		
6	Common Cathode			6	Common Anode		
7	Anode Dp (Right Hand)			7	Cathode Dp (Right Hand)		
8	Anode C			8	Cathode C		
9	Anode B			9	Cathode B		
10	Anode A			10	Cathode A		

RESTRICTIONS ON PRODUCT USE

000707EAC

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