

TOSHIBA LED DISPLAY

TLG370, TLG371, TLR370, TLR371


1 DIGIT ALPHANUMERIC LED DISPLAY

- 12.7mm Character Height.
- Available Both Polarity of Connections, Common Cathode or Common Anode.
- Application Computer Peripherals and Terminals Display, and Automotive Instrument Panel Display etc.

PRODUCT LINE UP

TLG370/TLG371	GaP GREEN
TLR370/TLR371	GaP RED

TYPE No. vs FULLY DISPLAY FONT

COMMON CATHODE	COMMON ANODE	FULLY DISPLAY FONT
TLG370 TLR370	TLG371 TLR371	

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING		UNIT
		TLGxxxA	TLRxxx	
DC Forward Current/seg.	I_F (DC) / seg	15	15	mA
Pulse Forward Current/seg. (Note)	I_{FP} / seg	80	80	mA
Reverse Voltage/seg.	V_R	6	3	V
Operating Temperature Range	T_{opr}	-30~75	-30~75	°C
Storage Temperature Range	T_{stg}	-30~90	-30~90	°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	$\Delta\lambda$	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	25	10	0.06	0.20	10	1.8	2.0	2.5	10	5	6	2.3	5
TLR Series	700	100	5	0.13	0.25	5	1.8	2.1	2.5	15	5	3	2.5	5
UNIT	nm		mA	mcd		mA	V			mA	μ A	V	—	mA

PRECAUTION

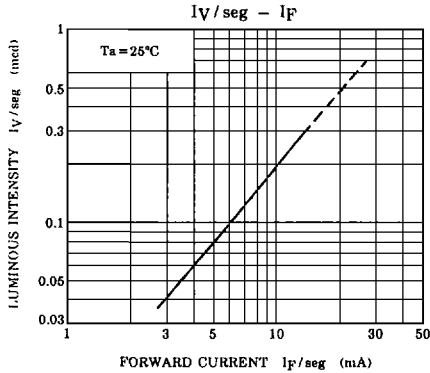
Please be careful of the following.

- Soldering temperature should be less than 260°C for 7 seconds at 1.5mm from the seating plane.
- With the case-type LED display, cleaning all over may cause cracks in the case.

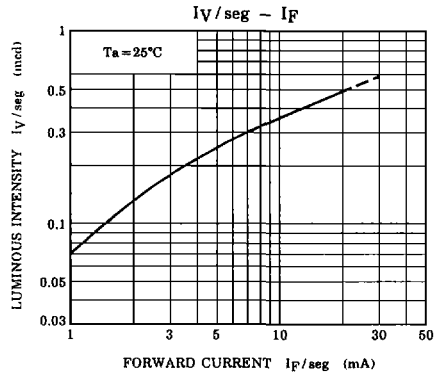
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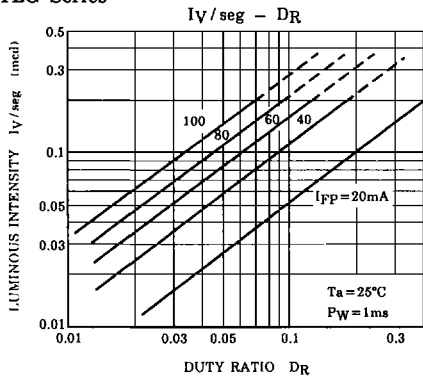
TLG Series



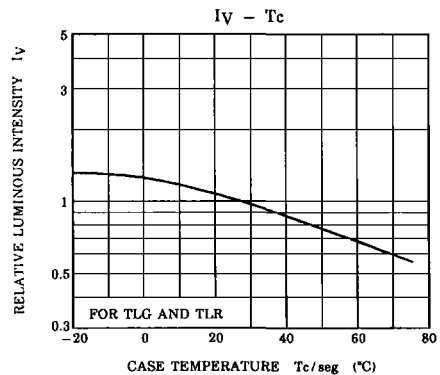
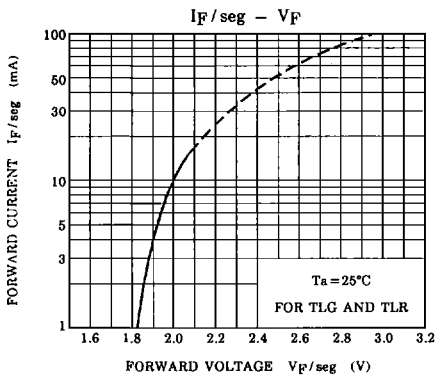
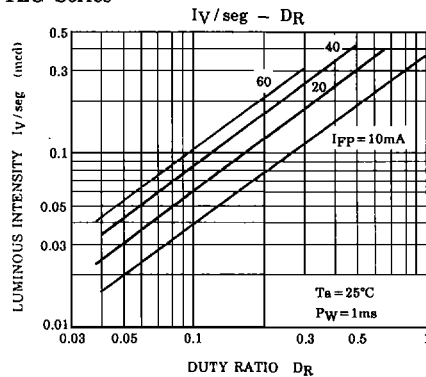
TLR Series



TLG Series

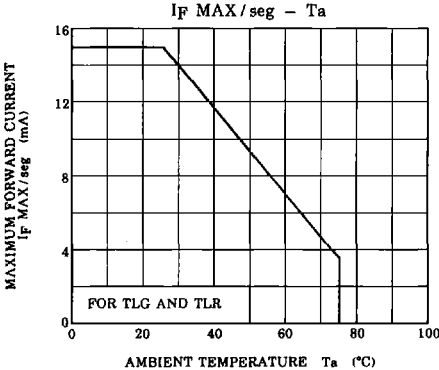


TLG Series

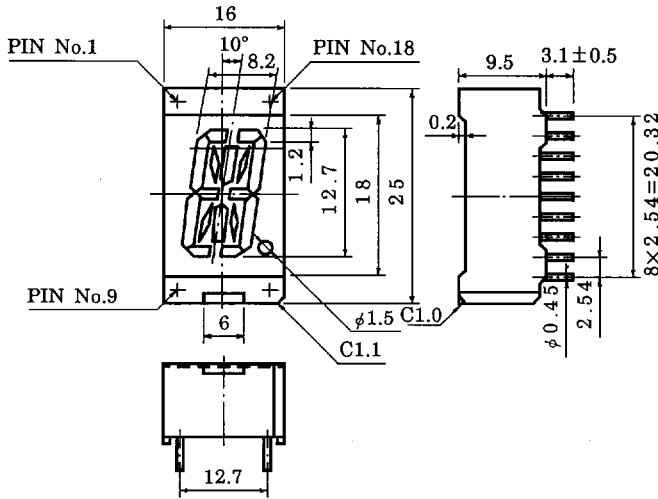


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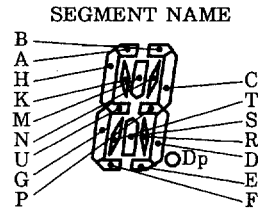
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OUTLINE DIMENSIONS



Unit in mm
 Note : Tolerance is ± 0.25
 unless otherwise noted.
 Weight : 3.66g



PIN CONNECTION

370 Series				371 Series			
PIN No.	CONNECTION	PIN No.	CONNECTION	PIN No.	CONNECTION	PIN No.	CONNECTION
1	ANODE B	11	ANODE S	1	CATHODE B	11	CATHODE S
2	ANODE A	12	ANODE R	2	CATHODE A	12	CATHODE R
3	ANODE M	13	ANODE D	3	CATHODE M	13	CATHODE D
4	ANODE K	14	ANODE U	4	CATHODE K	14	CATHODE U
5	ANODE H	15	ANODE P	5	CATHODE H	15	CATHODE P
6	ANODE G	16	ANODE C	6	CATHODE G	16	CATHODE C
7	ANODE T	17	ANODE N	7	CATHODE T	17	CATHODE N
8	ANODE F	18	COMMON CATHODE	8	CATHODE F	18	COMMON ANODE
9	ANODE E			9	CATHODE E		
10	ANODE Dp			10	CATHODE Dp		