

TLG2229, TLG4224, TLG2259, TLG4254

GREEN COLOR 4 DIGITS LED DISPLAY

- Even digit space, for use of the static drive connections.
- 15 mm (0.6") character height, each segment is diffused and uniformly display.
- Outer color filter provides high contrast, complete practical use at 10 mA per segments.
- Arrow edge shape of each segment represents not mosaic but look like Arabic numerals.
- Selectable both type 12 or 24 hours of display.

TYPE No. vs. DISPLAY FONT

COMMON CATHODE	COMMON ANODE	FULLY DISPLAY FONT
TLG2229	TLG2259	: 10.0.0
TLG4224	TLG4254	: 00.0.0

Refer to page 269 for the figure.

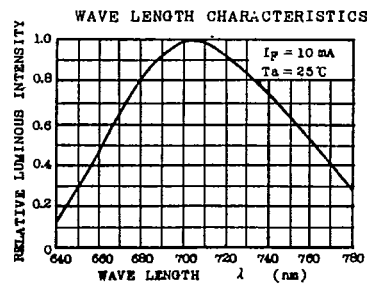
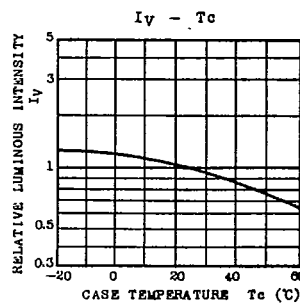
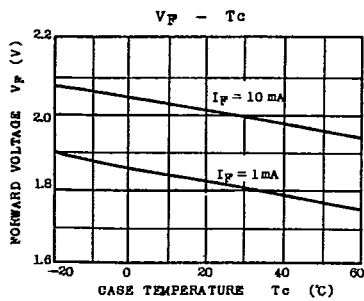
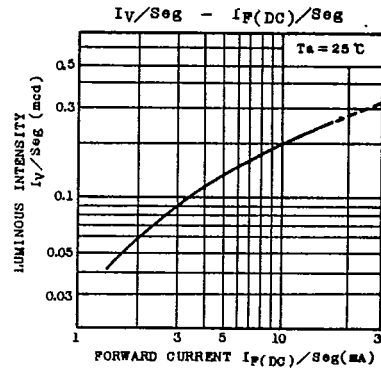
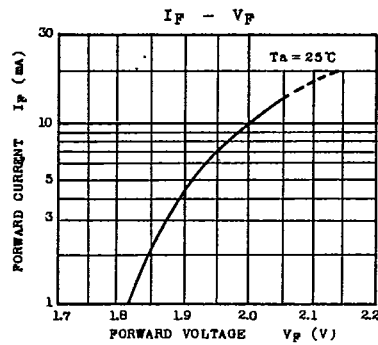
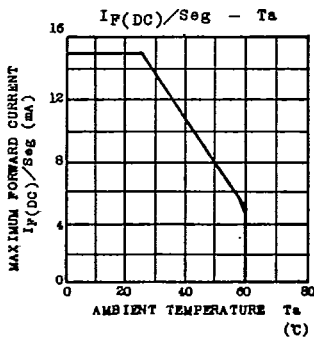
MAXIMUM RATINGS (Ta = 25 °C)

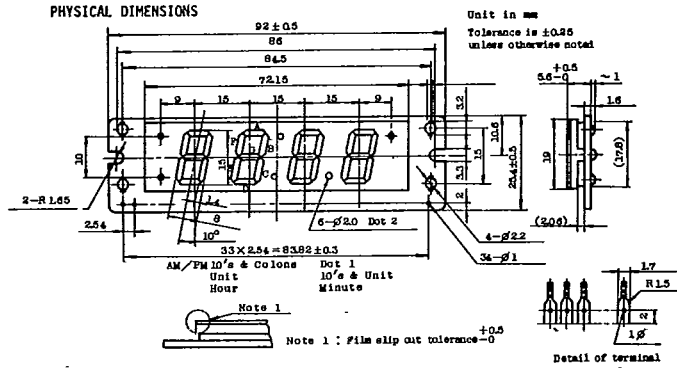
CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current/Seg.	If(DC)/Seg.	15	mA
Reverse Voltage	Vr	3	V
Storage Temperature Range	Tstg	-20~75	°C
Operating Temperature Range	Topt	-20~60	°C
Soldering Temperature (Note)	Tsolder	260	°C

Note: Within 3 second at 2 mm from the reflector edge

ELECTRICAL-OPTICAL CHARACTERISTICS (Ta = 25 °C)

CHARACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	Vf	If=10mA	1.8	2.0	2.5	V
Reverse Current	Ir	Vr=3V	-	-	5	µA
Luminous Intensity/Seg.	Iv/Seg.	If=10mA	0.08	0.3	-	mcd
Luminous Intensity Matching Ratio	Iv-M	If=5mA	-	-	2.3	-
Peak Emission Wave Length	λp	If=10mA	-	565	-	nm
Spectral Half Line Width	Δλ	If=10mA	-	30	-	nm

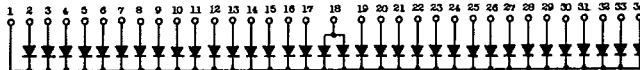




TLR2229, TLR4224, TLG2229, TLG4224

TERMINAL CONNECTION

TERMINAL #	CONNECTION	TERMINAL #	CONNECTION	TERMINAL #	CONNECTION
1	Common Cathode	13	Unit Hour	25	10's Min. B Anode
2	AM Anode	14		26	Dot 1 Anode
3	FM Anode	15		27	B Anode
4	10's Hour	16	Unit Min	28	A Anode
5		17		29	C Anode
6		18		30	D Anode
7	10's Min	19	Unit Hour	31	E Anode
8		20		32	G Anode
9		21		33	F Anode
10	Unit Hour	22	10's Min	34	Dot 2 Anode
11		23			
12		24			



TLR2259, TLR4254, TLG2259, TLG4254

TERMINAL CONNECTION

TERMINAL #	CONNECTION	TERMINAL #	CONNECTION	TERMINAL #	CONNECTION
1	Common Anode	13	Unit Hour	25	10's Min A Cathode
2	AM Cathode	14		26	Dot 1 Cathode
3	FM Cathode	15		27	G Cathode
4	10's Hour	16	Unit Min	28	F Cathode
5		17		29	E Cathode
6		18		30	D Cathode
7	10's Min	19	Unit Hour	31	C Cathode
8		20		32	B Cathode
9		21		33	A Cathode
10	Unit Hour	22	10's Min	34	Dot 2 Cathode
11		23			
12		24			

