

9097250 TOSHIBA (DISCRETE/OPTO)

99D 17233 DT-41-33

TLR362, 363, 364, 365, 366, 367

TENTATIVE

- Red Color, 14.2mm (0.56") Character Height Numerical Display.
- Pin Connections for Static Drive
- Available Both Polarity of Connections, Common Cathode or Common Anode.
- Applications: Transceiver or TV Channel Display, and Instrument Display etc.

FIG. 1 TYPE NO. VS. FULLY DISPLAYED FONT

Type No.		Fully Displayed Font
Common Cathode	Common Anode	
TLR362	TLR363	8
TLR364	TLR365	21
TLR366	TLR367	8.8

Refer to page 232 for the figure.

ABSOLUTE MAXIMUM RATINGS ($T_a = 25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
DC Forward Current/Seg	I_F DC/Seg	20	mA
Pulse Forward Current/Seg	I_{FP} /Seg	110 (note)	mA
Reverse Voltage/Seg	V_R	6	V
Operating Temperature Range	T_{opr}	$-40 \sim 85$	$^\circ\text{C}$
Storage Temperature Range	T_{stg}	$-40 \sim 85$	$^\circ\text{C}$

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

ELECTRICAL-OPTICAL CHARACTERISTICS ($T_a = 25^\circ\text{C}$)

CHARACTERISTIC	SYMBOL	CONDITION	MIN.	TYP.	MAX.	UNIT
Forward Voltage	V_F	$I_F=10\text{mA}$	1.7	2.0	2.5	V
Reverse Current	I_R	$V_R=6\text{V}$	-	-	5	μA
Luminous Intensity/Seg	I_V	$I_F=5\text{mA}$	0.26	0.7	-	mcd
Luminous Intensity Matching Ratio	I_V-H	$I_F=5\text{mA}$	-	-	2.3	-
Peak Wave Length	λ_p	$I_F=10\text{mA}$	-	700	-	nm
Spectral Line Half Width	$\Delta\lambda$	$I_F=10\text{mA}$	-	100	-	nm

