

TLR342, TLR343, TLR344, TLR345

- Red Color, 10.9 mm (0.43") Character Height Numerical and with Polarity Display.
- 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	
TLR342	TLR343	
—	TLR345	
TLR344		

Refer to page 229 for the figure.

ABSOLUTE MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTIC	SYMBOL	RATING	UNIT
DC Forward Current/Seg	I_F DC/Seg	20	mA
Reverse Voltage/Seg	V_R	6	V
Operating Temperature Range	T_{opr}	-40 ~ 85	°C
Storage Temperature Range	T_{stg}	-40 ~ 85	°C

ELECTRICAL-OPTICAL CHARACTERISTICS (Ta = 25°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	$I_F = 5 \text{ mA}$	0.13	0.4	-	mcd
Luminous Intensity Matching Ratio	$I_V - M$	$I_F = 5 \text{ mA}$	-	-	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

