



LED LAMPS

T-41-23

Features

- Recommended for Panel Mounted Visual Indicator.
- High Brightness with Solid-State Reliability.
- Compatible with Most TTL and DTL Circuits.
- Leads Are Designed to be Wire Wrapped.
- Filled Epoxy Lens Provides Diffused Source.

ABSOLUTE MAXIMUM RATINGS $T_A = 25^\circ\text{C}$

PARAMETER	RED	RED-H	GREEN	YELLOW	ORANGE	AMBER	UNIT
Reverse Voltage at 25°C Free-Air Temperature	3	5	5	5	5	5	V
Continuous Forward Current at Free-Air Temperature	20	20	30	30	30	30	30
Power Dissipation (Derate Linearly From 25°C at $1.8\text{ mW}/^\circ\text{C}$)	100	120	120	120	120	120	mW
Operating Free-Air Temperature Range	-40°C to 80°C						
Storage Temperature Range	-40°C to 80°C						
Lead Temperature 1/16 Inch from case for 5 second	230°C						

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C FREE-AIR TEMPERATURE

PARAMETER	CONDITION	RED	RED-H	GREEN	YELLOW	ORANGE	AMBER	UNIT
λ_P Wave Length at Peak Emission (TYP)	$I_F = 20\text{mA}$	660	700	565	585	635	600	nm
Spectral Line Half-Width	$I_F = 20\text{mA}$	20	60	40	40	40	40	nm
V_F Static (TYP)	$I_F = 20\text{mA}$	1.7	2.2	2.2	2.2	2.2	2.2	V
V_F Forward Voltage (MAX)	$I_F = 20\text{mA}$	2.1	3.0	3.0	3.0	3.0	3.0	V
IR Reverse Current	$V_R = 5\text{V}$	100	100	100	100	100	100	100

SELECTION GUIDE

