TOSHIBA

TOSHIBA LED LAMP GAP GREEN LIGHT EMISSION

TLGD135AP

PANEL CIRCUIT INDICATOR

All Plastic Mold Type Clear Transparent Lens

High Intensity & Moderate Radiation Angle Half Angle = ± 15 deg. (Typ.) (limits for 50% of I_V)

Recommended Forward Current: IF=15~20mA (DC)

- Fast Response Time, Capable of Pulse Operation.
- Without stand-offs

MAXIMUM RATINGS ($Ta = 25^{\circ}C$)

CHARACTERISTIC	SYMBOL	RATING	UNIT
Forward Current (DC)	$_{ m I_F}$	40	mA
Reverse Voltage	v_{R}	4	V
Power Dissipation	$P_{\mathbf{D}}$	120	mW
Operating Temperature Range	$T_{ m opr}$	-20~85	°C
Storage Temperature Range	$\mathrm{T_{stg}}$	-30~100	$^{\circ}\mathrm{C}$

Unit in mm CATHODE INDEX ANODE 2. CATHODE **JEDEC EIAJ** TOSHIBA 4-5V4

Weight: 0.33g

ELECTRO-OPTICAL CHARACTERISTICS (Ta = 25°C)

СНАБ	RACTERISTIC	SYMBOL	TEST CONDITION	MIN.	TYP.	MAX.	UNIT
Forward V	oltage	$ m V_{f F}$	$I_{ m F}\!=\!20{ m mA}$	_	2.15	2.8	V
Reverse Cu	ırrent	${ m I_R}$	$V_R=4V$	_	_	5	μ A
Luminous	TLGD135AP	- I _V	I _F =20mA (Note)	153	300	_	
Intensity	TLGD135AP (PQ)			153	_	736	mcd
Peak Emis	sion Wave Length	$\lambda_{\mathbf{p}}$	$I_{ m F} = 20 { m mA}$	_	567	_	nm
Spectral Li	ne Half Width	Δλ	$I_F = 20 mA$		25		nm

(Note) Rank selection carried out under next standard range respectively, although it needs ±15% sdditionary for guaranteed limits.

> P: 180-360mcd Q:320-640mcd

Each rank products is classified by package unit, and (PQ) includes P and Q.

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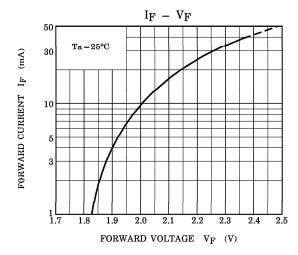
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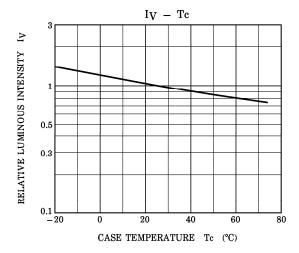
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PRECAUTION

Please be careful of the followings.

- Soldering temperature: 260°C MAX. Soldering time: 3s MAX. (Soldering portion of lead: up to 2mm from the body of the device)
- If the lead is formed, the lead should be formed up to 5mm from the body of the device without forming stress to the resin. Soldering should be performed after lead forming.







Ta = 25°C

