

HL-112U21FU57GH190B5D27N6-12 (RGB)



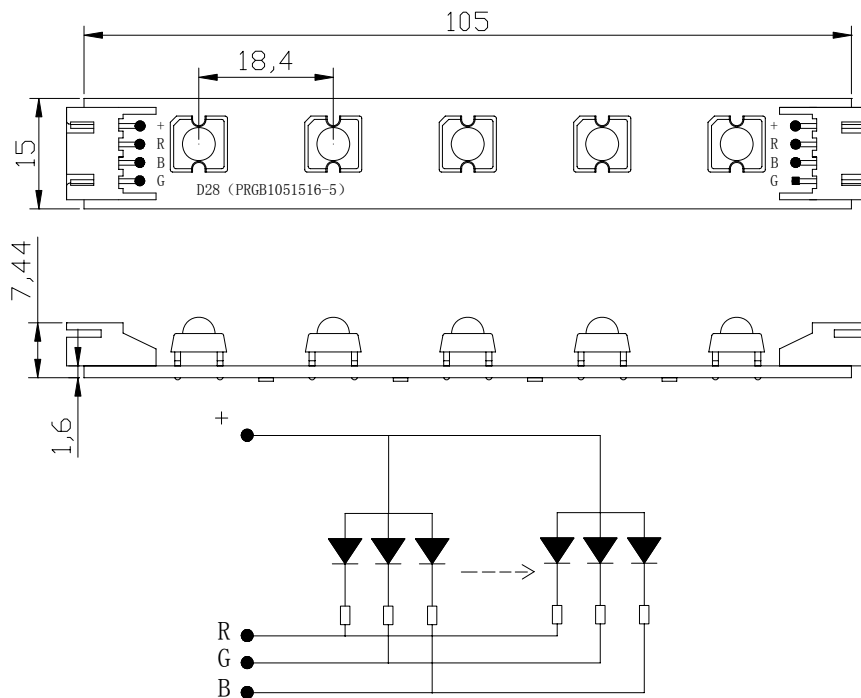
ATTENTION
 OBSERVE PRECAUTIONS
 FOR HANDLING
 ELECTROSTATIC
 DISCHARGE
 SENSITIVE
 DEVICES



Features

- 75MMX15MMSHORT LIGHT BAR (3-LED RGB COLOR) .
- PRINTED CIRCUIT BOARD THICKNESS: 1.6MM
- .WORKING VOLTAGE: 12V DC.
- WORKING CURRENT: 300MA.
- LED VIEW ANGLE(2 θ 1/2):80° .
- PACKAGE: 40PCS / LAYER.

Package Dimensions



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is ±1mm unless otherwise noted.

Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	300	mA
Power Dissipation	PD	3.6	W
Electrostatic discharge	ESD	800	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Electrical / Optical Characteristics at TA=25°C

Parameter	Symbol	Color	Condition	Min	Typ	Max	Unit
Forward Voltage DC	VF	RGB	IF=300mA	--	12	--	V
Dominant Wavelength	λD	R	IF=100mA	621	629	--	nm
		G	IF=100mA	515	520	--	
		B	IF=100mA	470	475	--	
Luminous flux	φV	R	IF=100mA	--	8	--	lm
		G	IF=100mA	--	12	--	
		B	IF=100mA	--	4	--	
Recommend Forward Current	IF(rec)	--	--	--	300	--	mA

Notes:Tolerance of measurement of luminous intensity±15%.

Package means



APPLICATIONS

- CONCEALED LIGHTING.
- BACKLIGHTING FOR SIGNAGE LETTERS.
- CHANNEL LETTER LIGHTING.
- EMERGENCY EXIT PATH LIGHTING.
- AUTOMOTIVE TAIL LIGHT, BRAKING LIGHT AND BACK-VIEW MIRROR LIGHT.