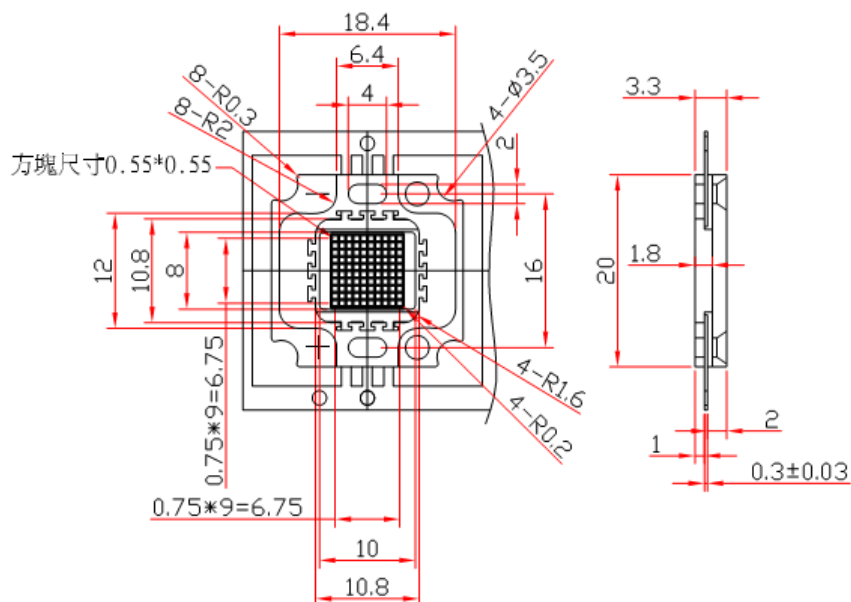


- High luminous flux
- High luminous efficiency
- DC low voltage
- Long life
- ROHS Compliance
- Yellow Color

Outline : Unit (mm)

P/N : LT89Y4-93AD-P



ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE DEVICES

Absolute Maximum Ratings (Ta=25°C)

Parameter	Symbol	Rating	Unit
Parameter	Pd	10	W
Power Dissipation	If	1050	mA
Forward Current (DC)	Vr	5	V
Reverse Voltage	Top	-40 ~ +85	°C
Operation Temperature Range	Tstg	-40 ~ +100	°C
Storage Temperature Range	Ifp	1200	mA
Peak Forward Current	ESD	2000 (HBM)	V
Electro-Static-Discharge	Tj	125	°C

Typical Electrical and Optical Characteristics (Ta=25°C)

Parameter	Symbol	Condition	Parameter			Unit
			Min.	Typ.	Max.	
Forward Voltage	Vf	If=1050mA	6	--	8	V
LM	φ	If=1050mA	320	--	350	lm
Luminous Efficiency	η	If=1050mA	--	--	--	Lm/W
Color Index	CRI	If=1050mA	--	--	--	Ra
Reverse Current	Ir	Vr=5V	--	--	10	uA
Thermal Resis	RΘJ-B	IF=1050mA	--	10	--	°C/W
Wavelength	WD	If=1050mA	590	--	595	nm
Chromatic Coordinates	X	If=1050mA	--	--	--	
	Y	If=1050mA	--	--	--	

Tolerance : flux ±10%, WD ±2nm, Vf ±0.05V, X, Y ±0.01, CT ±200K

Peak Forward Current(Pulse width≤10msec duty≤1/10)

Typical Electrical / Optical Characteristics Curves

