

LG-05IR4T94C-557C-B-T DATA SHEET

SPEC. NO. : SZ21042902
DATE : 2021/04/29
REV. : A/0

Approved By:

Checked By:

Prepared By:

Absolute Maximum Ratings at Ta=25°C

Parameter	MAX.	Unit
Power Dissipation	75	mW
Continuous Forward Current	50	mA
Peak Forward Current*3	1.0	A
Reverse Voltage	5	V
Operating Temperature	-40 to + 85	
Storage Temperature	-40°C to + 100°C	
Lead Soldering Temperature [2mm From Body]	260°C for 3 Seconds	
IR Reflow Temperature	245°C for 30 seconds	

1. Storage

Electrical Optical Characteristics at Ta=25°C

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Radiant Intensity	I _e	70	100	---	mW/sr	I _F =50mA (Note 1,3)
Viewing Angle	1/2	25	30	35	deg	(Note 2)
Peak Wavelength		---	940	---	nm	I _F =20mA

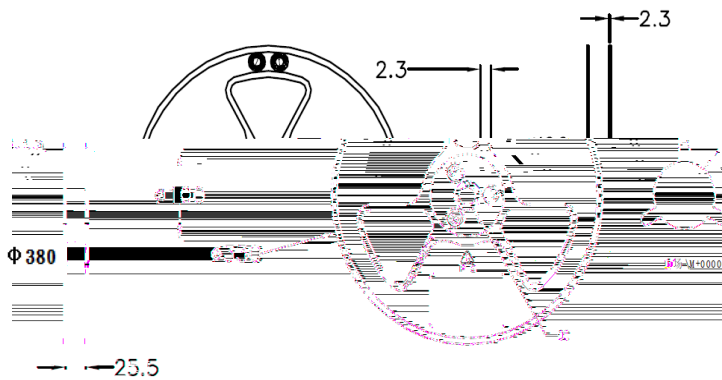
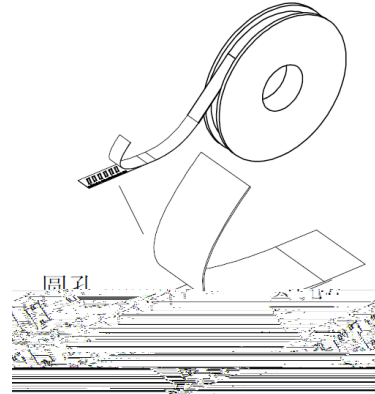
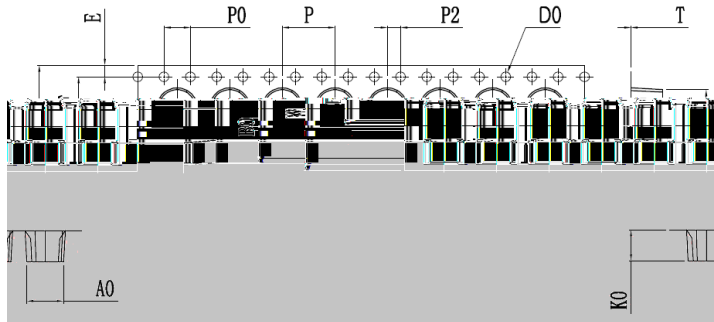
Spectral Line Half- Width

保潔



Package

Package Dimensions



Item	Specification	
	Minum	Maximum
W	15.97	16.3
P	7.9	8.1
E	1.65	1.85
F	7.4	7.6
D	1.5	1.6
P0	3.9	4.1
P0x10	39.8	40.2
P2	1.9	2.1
A0	5.2	5.4
B0	10.6	10.8
K0	4.8	5.0

Notes:

- 1.All dimensions in millimeters.
- 2.All dimensions meet EIA-481-C requirements.
- 3.Cover tape by a heat sealing manner.

保潔