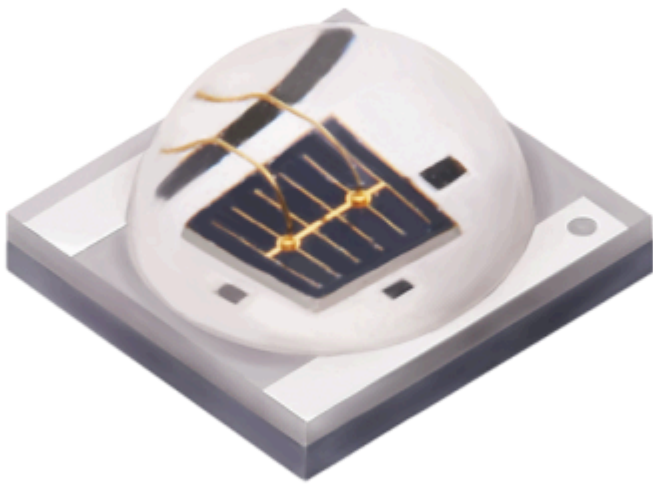


# SMD3535 3W 810nm IR LED Industrial Sensing

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## SMD3535 810nm 3W Infrared High Power LED

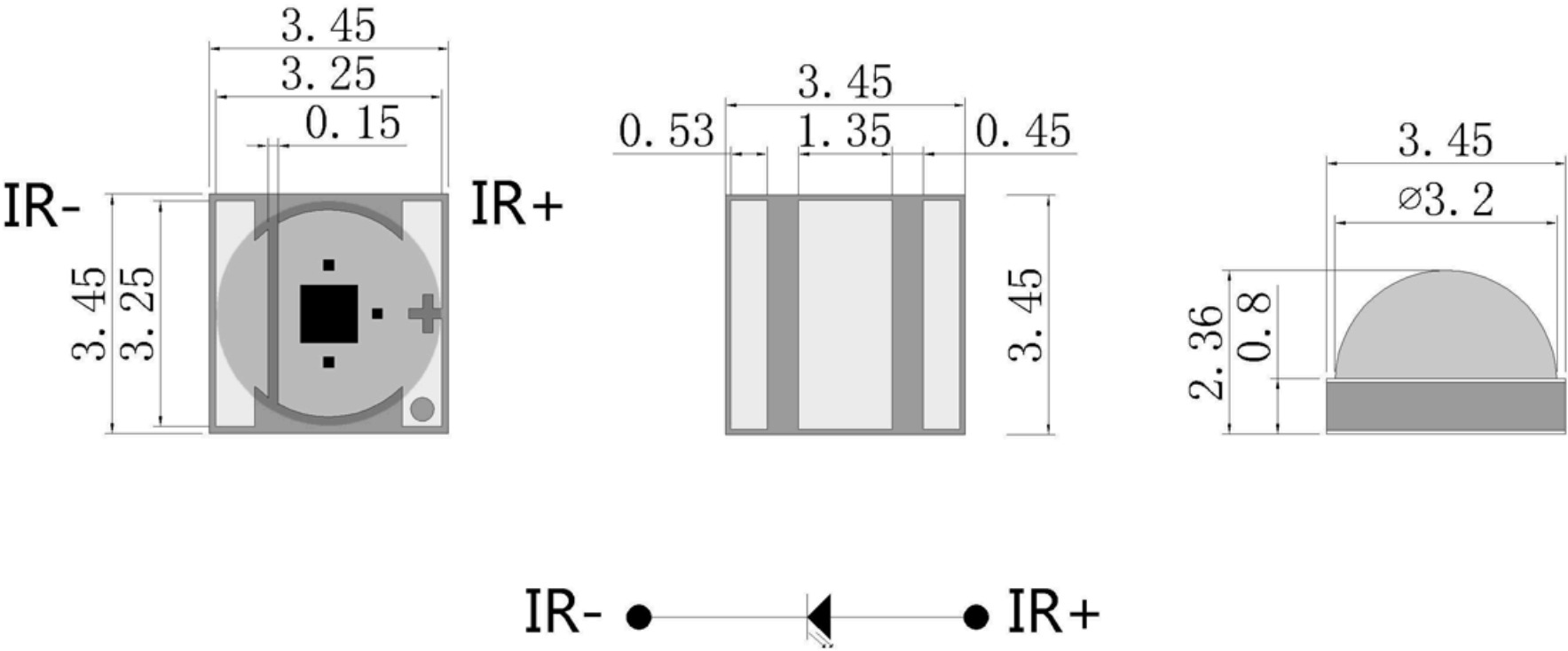
Product Model: WL-3P3535EP120IR-S810 

### Features:

- 99.99% gold wire bonding, 1.2mil
- Ceramic substrate
- Silicone Lens
- Epileds/Epistar, 1pcs \* **double stack** 42mil Chips
- Meet CE, ROHS Compliant
- Applications: Medical and Scientific Instrument, Inspection, Surveillance Systems, CCTV Camera, Night Vision, Machine Vision, other professional appliance.
- Beam Angle: **30°, 60°, 90°, 120°** and **Flat lens (without dome lens)** are all available.
- Packaging Type: **SMD2835, SMD3030, SMD3528, SMD3535 and SMD5050** are all available
- Custom Solution: We could offer custom LED solutions, if you need any support, please contact us.

Description

Package Dimensions (mm):

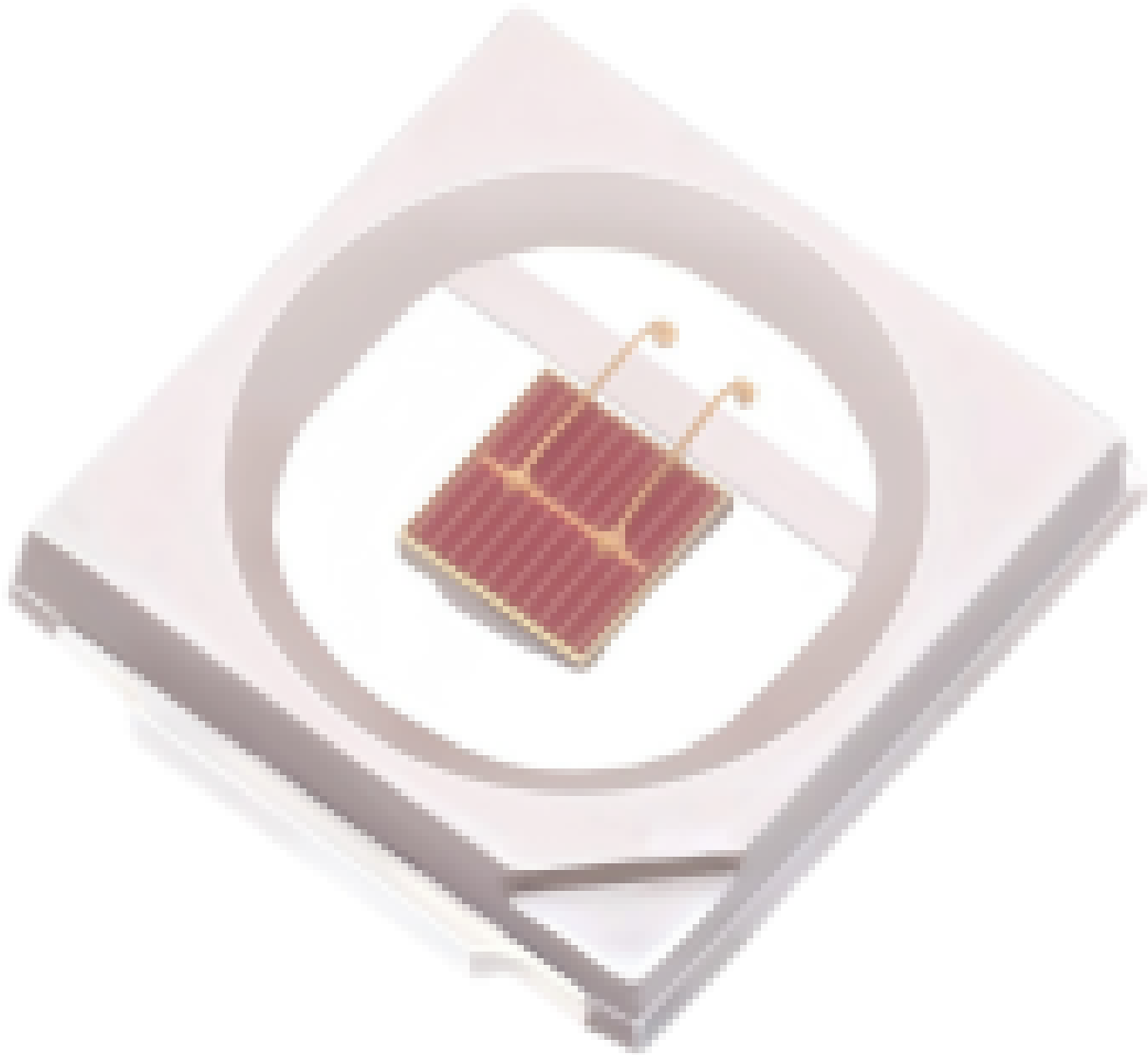


Specifications:

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Forward Voltage	VF	2.8	---	3.2	V	IF=700mA
Reverse Current	IR	---	---	50	uA	VR=5V
50% Power Angle	2 $\theta$ 1/2	---	120	---	deg.	IF=700mA
Radiant Power	Po	500	---	800	mW	IF=700mA
Peak Wavelength	$\lambda$ p	805	810	815	nm	IF=700mA

[SMD3535 LED \(/tag/smd3535-led\)](#)

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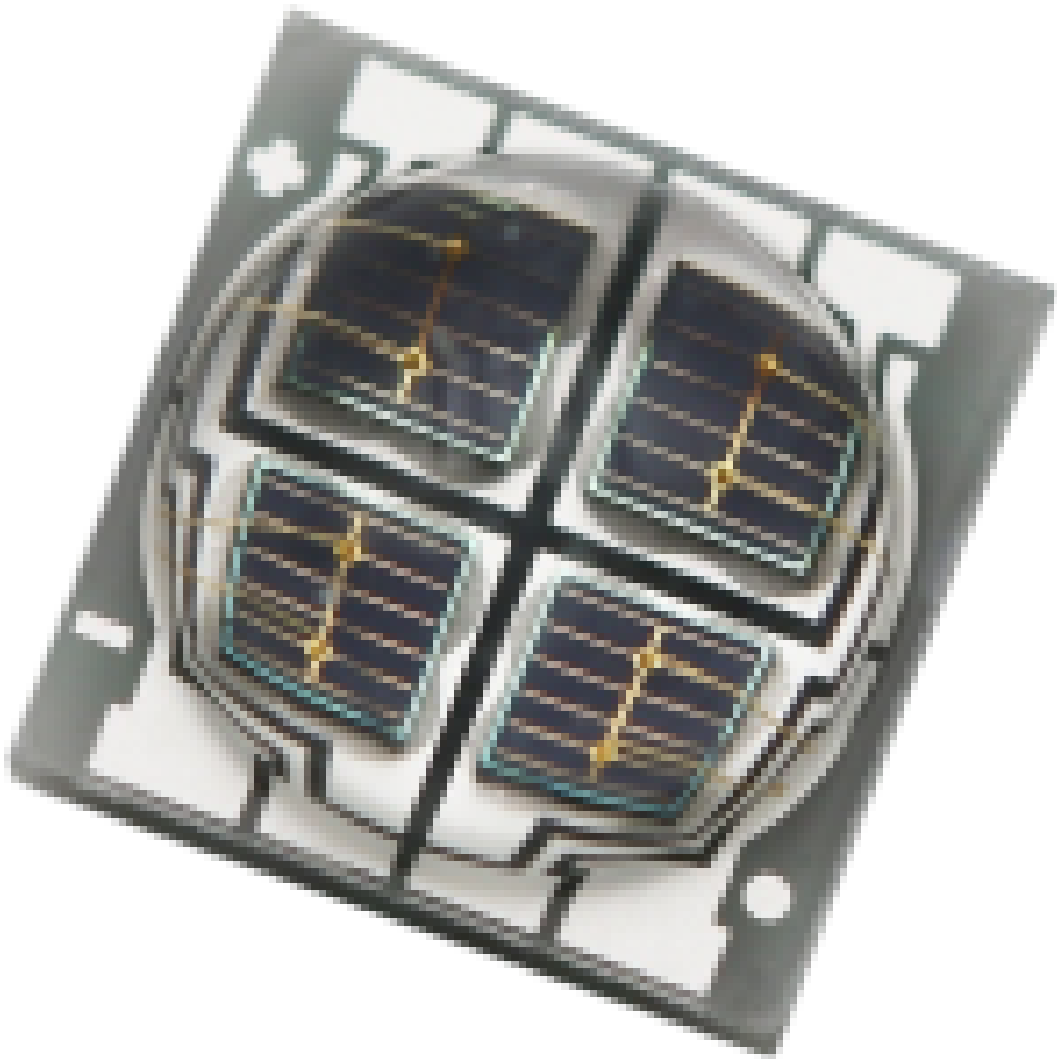
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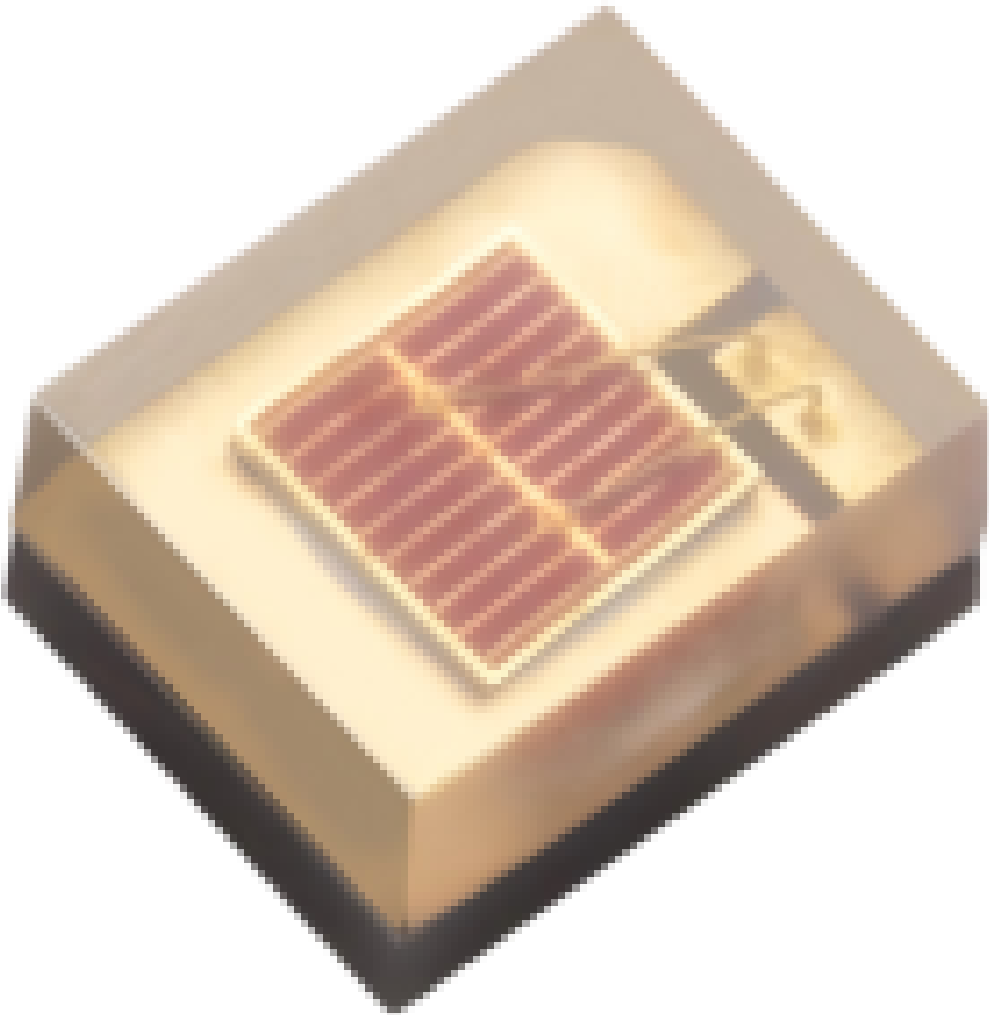
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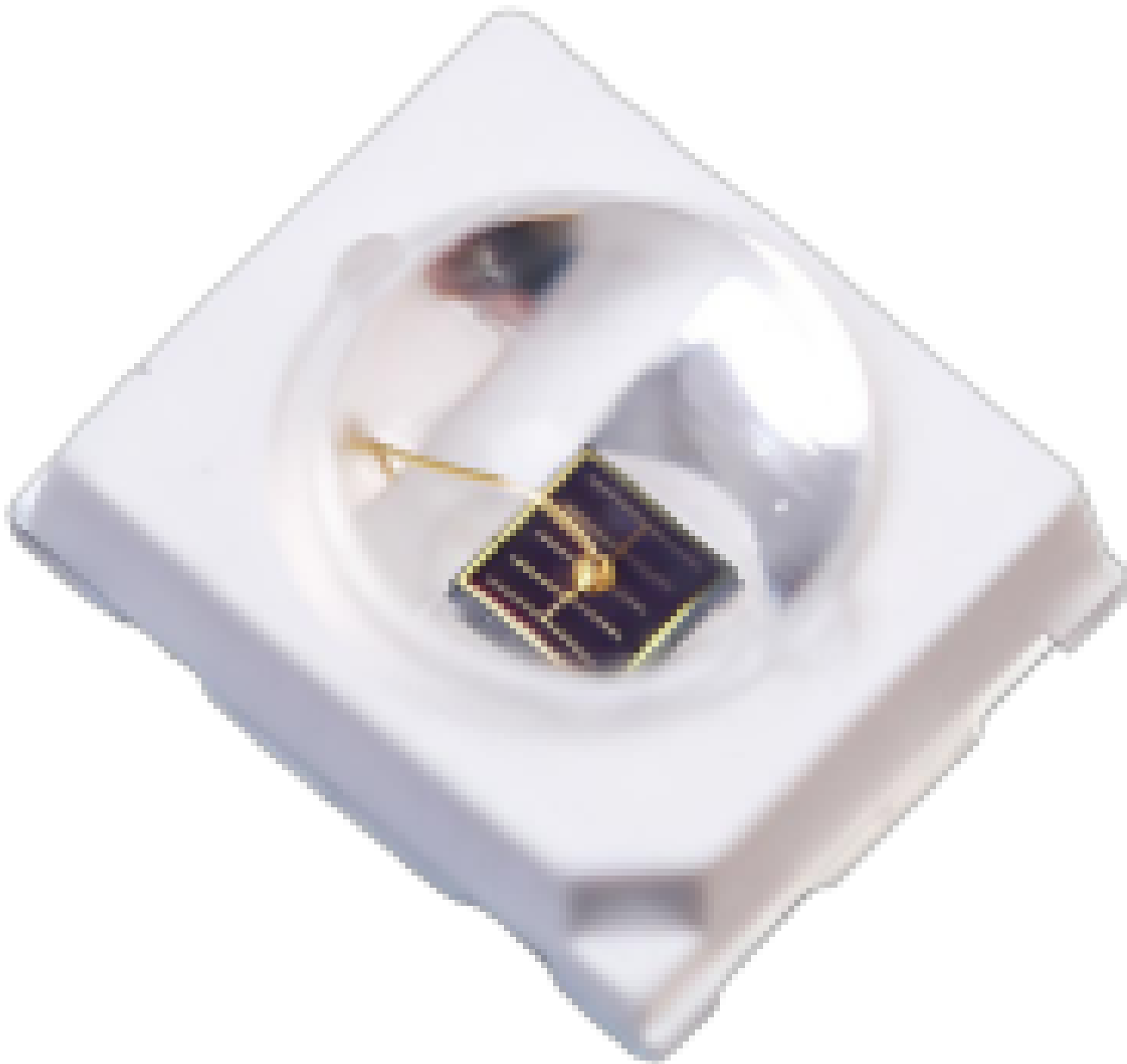
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810nm 5W 10W SMD5050 IR High Power LED [\(/810nm-5w-smd5050-ir-high-power-led.html\)](#)



[\(/810nm-1w-3w-smd2016-ir-high-power-led.html\)](#)

[810nm 1W 3W SMD2016 IR High Power LED \(/810nm-1w-3w-smd2016-ir-high-power-led.html\)](#)



[\(/smd2835-0-2w-0-5w-810nm-custom-ir-led-with-30-60-90-dome-lens.html\)](#)

[SMD2835 0.2W 0.5W 810nm Custom IR LED with 30° 60° 90° dome lens \(/smd2835-0-2w-0-5w-810nm-custo...](#)



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