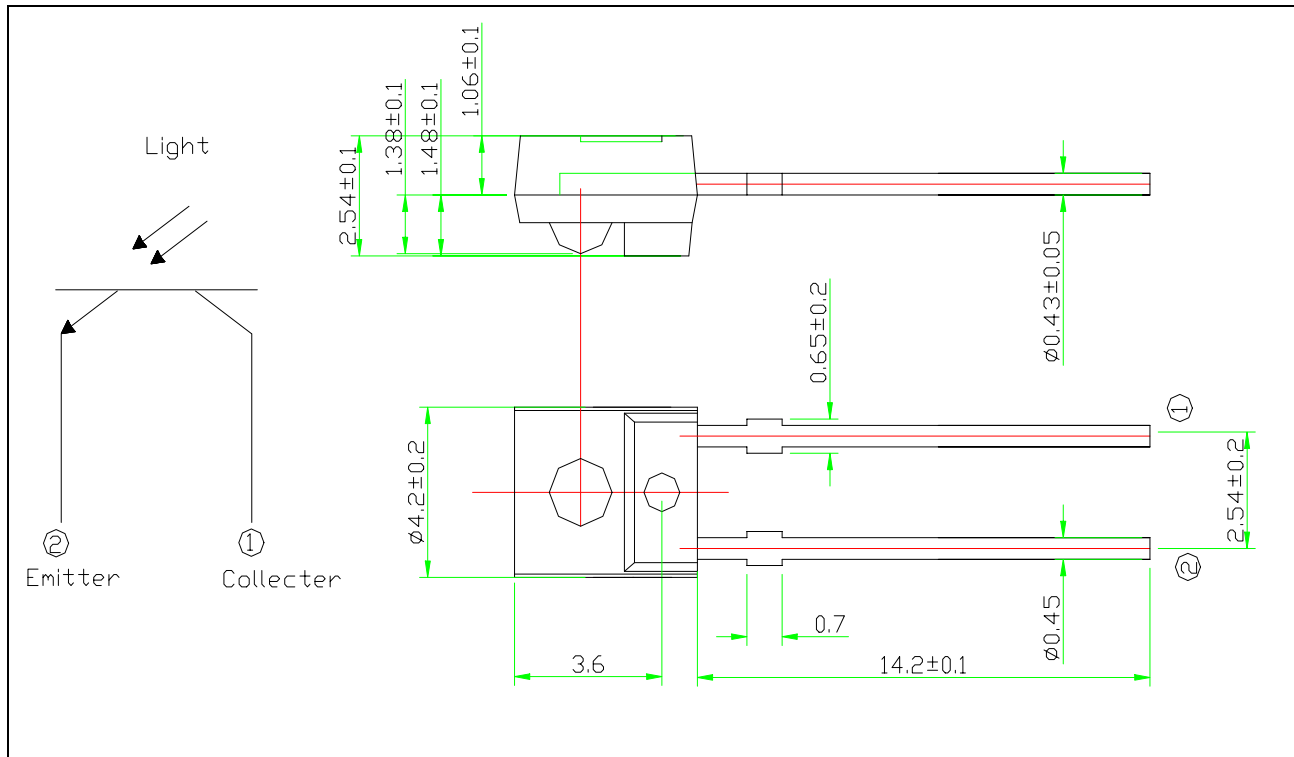


# SST-4T5

## ■ Outline Dimension



## ■ Features

- High Sensitivity
- Side looker plastic package
- Low - cost

## ■ Applications

- Optical counters
- Optoelectronic switches
- Infrared applied systems

SEOUL SEMICONDUCTOR CO., LTD.

148-29, Kasan-Dong, Keum Chun-Gu, Seoul, Korea

TEL: 82-2-3281-6269 FAX: 82-2-858-5537

SST-4T5

■ Absolute Maximum Ratings (Ta=25°C)

Item	Symbol	Rating	Unit
Collector-Emitter Voltage	$V_{CE0}$	30	V
Emitter-Collector Voltage	$V_{EC0}$	5	V
Power Dissipation	$P_c$	100	mW
Collector Current	$I_C$	30	mA
Operating Temperature	$T_{opr}$	-25 ~ +85	°C
Storage Temperature	$T_{stg}$	-30 ~ +85	°C
Soldering Temperature	$T_{sol}$	260 (for 5sec)	°C

● Soldering conditions:

Soldering iron: Temperature at tip of iron: 280°Cmax (30W max)

Soldering time: 3sec. Max.

■ Electro-Optical Characteristics (Ta=25°C)

Item	Symbol	Condition	Min	Typ	Max	Unit
Collector Dark Current	$I_{CEO}$	$V_{CE0}=10V$	-	-	0.1	$\mu A$
Light Current	$I_L$	$V_{CE}=5V$ $E_V=2000LUX$	0.5	7	-	mA
Rise/ Fall Time	$T_r/ T_f$	$V_{CC}=5V, I_C=1mA$ $R_L=100\Omega$	-	10/10		$\mu S$
Peak Sensitivity Wavelength	$\lambda_P$			880		nm
Collector- Emitter Saturation Voltage	$V_{CE(S)}$	$V_{CE0}=5V$ $E_V=2000LUX$	-	0.1	0.4	V

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