



# EUV photodiode

Model : ST-EUV25

## General Features:

- SiC-based extreme ultraviolet (EUV) photodiode
- Excellent stability under high fluence EUV exposure
- Photovoltaic mode operation
- Visible blind and low dark current
- Windowless TO-8 metal housing
- High detection efficiency for 13.5 nm EUV radiation

**Applications:** EUV radiation monitoring and flux measurement

## Specifications:

Parameters	Symbol	Value	Unit
<b>Maximum ratings</b>			
Operation temperature range	$T_{opt}$	-20-80	°C
Storage temperature range	$T_{sto}$	-55-90	°C
Soldering temperature (3 s)	$T_{sol}$	260	°C
Maxium reverse voltage	$V_{r-max}$	-20	V

### Electro-Optical characteristics (25 °C)

Chip size