**FEATURES**

- 100 mm² Square Active Area
- Responsivity @ 13.5 nm 0.09 A/W
- Detection Range 12 nm to 18 nm
- Shipped with Protective Cover

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

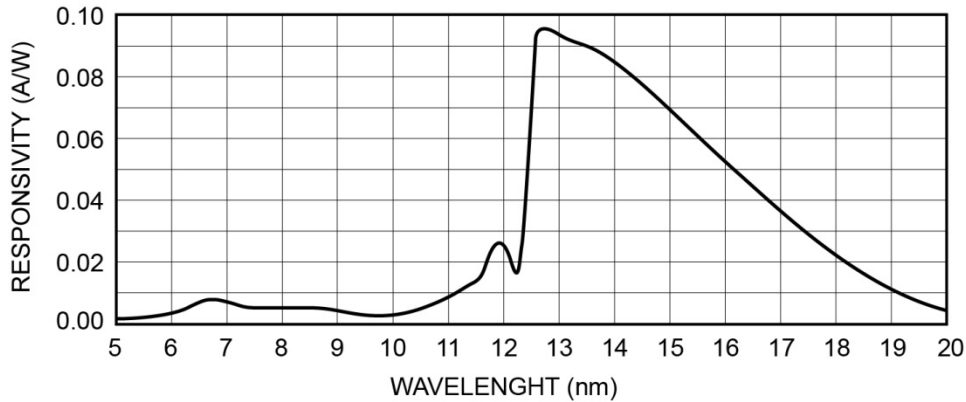
PARAMETERS	TEST CONDITIONS	MIN	TYP	MAX	UNITS
Active Area	10 mm x 10 mm		100		mm ²
Responsivity, \mathcal{R}	@13.5 nm	.08	.09	0.1	A/W
Dark Current	$V_R = 15\text{ V}$		8	25	nA
Reverse Breakdown Voltage, V_R	$I_R = 1\ \mu\text{A}$	25			Volts
Capacitance, C	$V_R = 0\text{ V}$	0.8	1.0	1.2	nF
Capacitance, C	$V_R = 12\text{ V}$	220	260	350	pF
Response Time, t_r	$R_L = 50\ \Omega$, $V_R = 12\text{V}$		20		nsec

THERMAL PARAMETERS

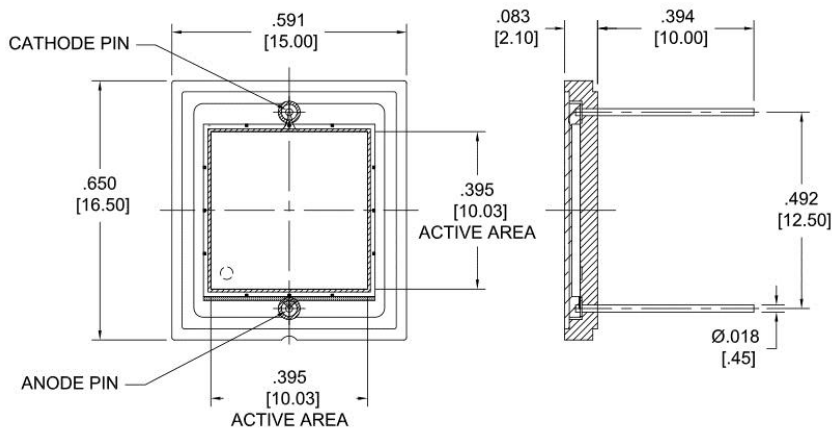
STORAGE AND OPERATION TEMPERATURE RANGE	
Ambient	-10° to 40°C
Nitrogen or Vacuum	-20°C to 80°C
Maximum Junction Temperature	70°C
Lead Soldering Temperature ¹	260°C

¹0.08" from case for 10 seconds.

TYPICAL RESPONSIVITY at 25° C



PACKAGE INFORMATION



ORDERING INFORMATION

ODD-SXU-003 Ceramic Carrier with Protective Cover in Black Plastic Container

