



FEATURES

- Rectangular active area
- Excellent stability after EUV exposure
- Windowless package for responsivity to 1nm
- Ceramic package

Dimensions are in inch [metric] units.

ELECTRO-OPTICAL CHARACTERISTICS AT 25°C

| PARAMETERS | TEST CONDITIONS | MIN | TYP | MAX | UNITS |
|----------------------------------|-----------------------------|-----|-----|-----|-----------------|
| Active Area | 22.05 mm x 15.85 mm | | 331 | | mm ² |
| Responsivity, \mathcal{R} | See attached graph | | | | |
| Shunt Resistance, Rsh | @ ± 10 mV | 5 | | | MOhms |
| Reverse Breakdown Voltage, V_R | $I_R = 1 \mu A$ | | 25 | | Volts |
| Capacitance, C | $V_R = 0V$ | | 40 | | nF |
| Response Time, tr | $R_L = 50\Omega, V_R = 15V$ | | 15 | | nsec |

THERMAL PARAMETERS

| STORAGE AND OPERATING TEMPERATURE RANGE | |
|---|---------------|
| Ambient | -10° TO 40°C |
| Nitrogen or Vacuum | -20°C TO 80°C |
| Maximum Junction Temperature | 70°C |
| Lead Soldering Temperature ¹ | N/A |

¹Soldering not recommended. Use with AXUV300CTS socket or equivalent.

