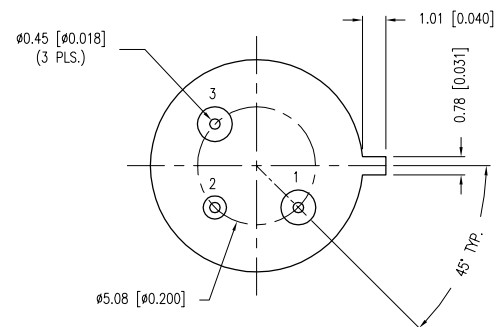
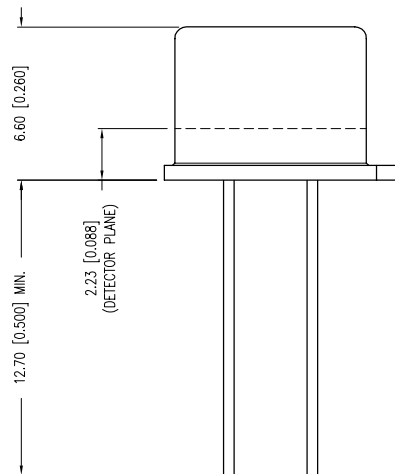
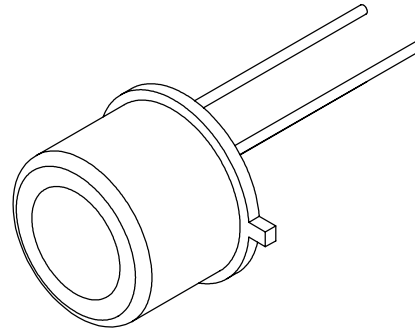
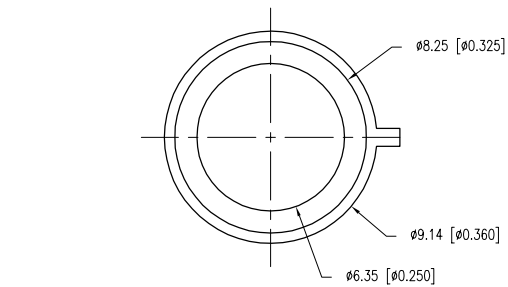




SPECIFICATIONS

STANDARD SPECIFICATIONS: ELECTRICAL

DETECTORS TESTED USING 35V/mm ACROSS THE DETECTOR AND A 1MΩ LOAD RESISTOR IN SERIES

	MIN.	TYP.	MAX.	UNITS
WAVELENGTH OF MAX. RESPONSE	3.6	3.8		μm
D*(500K, 1000Hz, 1Hz)	1.0x10 ⁸	1.5x10 ⁹		cm Hz ^{1/2} W ⁻¹
D*(pk, 1000Hz, 1Hz)	1.0x10 ⁹	1.5x10 ¹⁰		cm Hz ^{1/2} W ⁻¹
ELEMENT RESISTANCE (DARK)	0.1	0.8	2.5	MΩ/sq.
TIME CONSTANT (NOT MEASURED)		2	5	μs
RATED ELEMENT TEMP.			85	°C
ELEMENT SIZE		2x2		mm
RESPONSIVITY (pk, 650) vw-1	7.5x10 ³	1.5x10 ⁴		
AMBIENT TEMP./DETECTOR OPER. TEMP.		23		°C

PIN FUNCTION TABLE

PIN NO.	FUNCTION	COLOR
1	DETECTOR	BARE
2	CASE GND	BARE
3	DETECTOR	BARE

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}_{-0.00} MAX.= ^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT