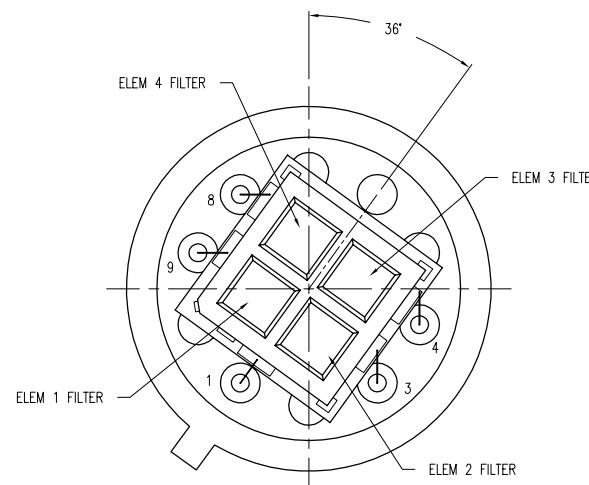


PIN FUNCTION TABLE		
PIN NO.	FUNCTION	FILTER
1	COMMON	--
3	ELEM 2	3.85 $\mu$ m
4	ELEM 3	4.26 $\mu$ m
8	ELEM 4	4.60 $\mu$ m
9	ELEM 1	3.34 $\mu$ m

FILTER SPECIFICATIONS		TRANSMISSION AT CWL (%)	BW AT 75% TRANSMISSION ( $\mu$ m)	
	CWL ( $\mu$ m)	HBW ( $\mu$ m)		
CO2	4.62 $\pm$ .04	$\pm$ .07 $\pm$ .007	>85	>.75 x HBW
CO	4.60 $\pm$ .05	$\pm$ .07 $\pm$ .007	>85	>.75 x HBW
HC	3.34 $\pm$ .03	$\pm$ .07 $\pm$ .007	>55	>.75 x HBW
REF	3.85 $\pm$ .04	$\pm$ .10 $\pm$ .01	>85	>.75 x HBW



SPECIFICATIONS			
	MIN.	TYP.	MAX.
WAVELENGTH OF MAX. RESPONSE		3.8	$\mu$ m
D*(500K, 1000Hz, 1Hz)	$1.0 \times 10^8$	$1.5 \times 10^9$	cm Hz $^{1/2}$ W $^{-1}$
D*( $\lambda$ pk, 1000Hz, 1Hz)	$7.0 \times 10^9$	$1.5 \times 10^{10}$	cm Hz $^{1/2}$ W $^{-1}$
RESPONSIVITY ( $\lambda$ pk, 650Hz)	$1.5 \times 10^4$	$3.0 \times 10^4$	V/W
TIME CONSTANT (NOT MEASURED)	2	5	$\mu$ s
RATED ELEMENT TEMP.		85	°C
ELEMENT SIZE		1x1	mm
DARK RESISTANCE	0.1	0.8	MΩ/sq.
OPER. TEMP.		23	°C

## SECTION A-A

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

UNCONTROLLED DOCUMENT

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