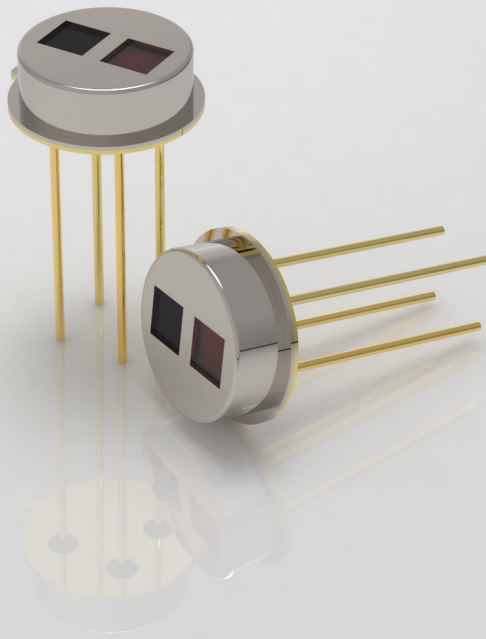


MTP20-A6-CH4



Infrared Thermopile Gas Sensor

Dual channel methane gas sensor



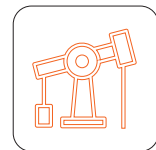
Smart home appliances



Smart building

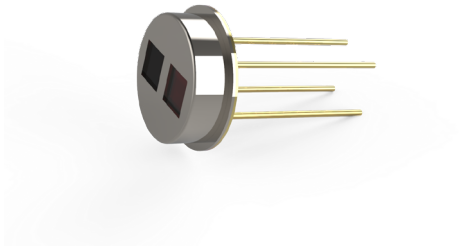


Coal mine

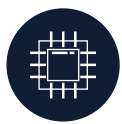


Petrochemical

MTP20-A6-CH4



The MTP20-A6-CH4 infrared thermopile gas sensor is based on the principle of NDIR (non-dispersive infrared) technology and embedded with high-precision NTC thermistor and MEMS thermopile chip. It has the characteristics of high sensitivity, high precision, excellent long-term stability, low power consumption, low maintenance cost, long service life and no oxygen dependence. It can be widely used in smart buildings, smart home appliances, coal mines, petrochemicals, environmental protection and other fields.



MEMS thermopile chip



TO-39 (dual channel)



High sensitivity



High precision NTC



3.40/3.95 μ m narrow band filter

Product parameters

Model	MTP20-A6-CH4
Detect gas type	CH4
Package form	TO-39 (dual channel)
Center wavelength (working channel/reference channel)	3.40 μ m/3.95 μ m
Half-wave width (working channel/reference channel)	180nm/90nm
Peak transmittance	> 80%
Working temperature	-30~100 $^{\circ}$ C
Storage temperature	-40~125 $^{\circ}$ C

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