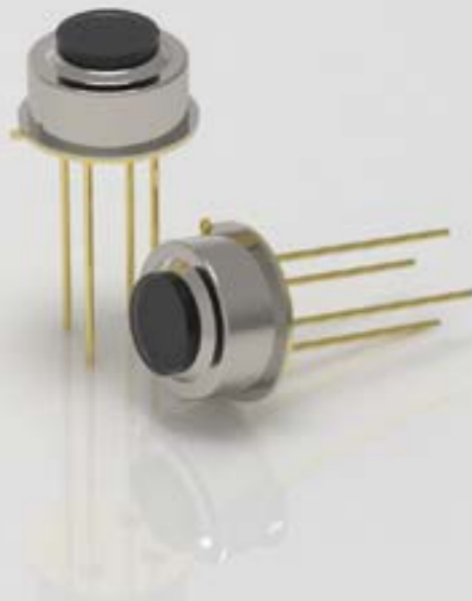
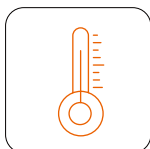


MTP10-A6LF55

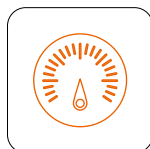


MEMS Infrared temperature sensor

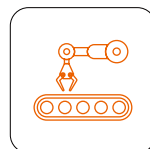
Non-contact temperature sensor



Non-contact temperature
measurement



Pyrometer



Continuous monitoring
of manufacturing
temperature

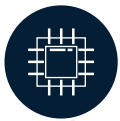


Industrial temperature
transmitter

MTP10-A6LF55



The MTP10-A6LF55 infrared thermopile temperature sensor is a noncontact temperature sensor with a temperature measurement field of view of up to 18°. It has a built-in MEMS thermopile chip and adopts the 8~14μm bandpass filter exclusively customized by MFrontier. The average transmittance is $\geq 75\%$. It has the characteristics of high-precision NTC and can be widely used in a variety of temperature measurement fields.



MEMS thermopile chip



TO-39 package



High sensitivity



High precision NTC



5.5~14μm long pass filter

Product parameters

Model	MTP10-A6LF55
Package form	TO-39
Field of view (50% maximum signal)	18°
Transmitted wavelength range	5.5~14μm long pass
Average transmittance	$\geq 75\%$
Working temperature	-30~100°C
Storage temperature	-40~125°C

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