

Rua Os Dezoito do Forte 1634, Caxias do Sul / RS - CEP 95020-472



All-Purpose Dual Element Pyroelectric Infrared Radial Sensor

■ Standard Specifications and Dimensions

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Recommended Model	D203S small window
Encapsulation Type	TO-5
IR Receiving	2×1mm, 2 elements
Electrode	
Window Size	4×3mm
Spectral Response	5—14µm
Transmittance	≥75%
Output Signal[Vp-p]	≥3500mV
Sensitivity	≥3300V/W
Detectivity (D')	1.4 ×10 ⁸ cmHz ^{1/2} /W
Noise[Vp-p]	<70mV
Output Balance	<10%
Offset Voltage	0.3~1.2V
Supply Voltage	2—15V
Operating Temp	-30—70°C
Storage Temp	-40—80°C
Field of View	>
1 10.0 01 110.11	X-X Y-Y
Equivalent Circuit	Rg 2.0UT PUT element

