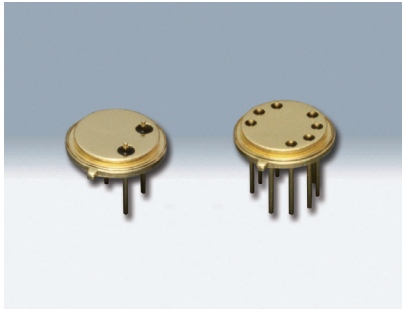


Hermetic Seal

TO SERIES (Gold Plating)



■ Features

- High sealing tightness and high insulation.
- Excellent corrosion resistance, moisture resistance and solderability.
- Uniform plating processing.



■ Applications

- Infrared Sensor.

■ Standard Specification

Type		TO-5			
Model		2P3L	3P4L	4P4L	7P8L
Input and Output Terminals (GND Terminals)		2 (1)	3 (1)	4 (0)	7 (1)
Component	Shell	Kovar, Fe			
	Lead	Kovar, FeNi(50Alloy)			
	GND Lead	Kovar, FeNi(50Alloy), *Ag - Cu			
	Glass	borosilicate glass			
Plating		Ni-P/Au			
Sealing Tightness		$\leq 1 \times 10^{-9} \text{ Pa} \cdot \text{m}^3 / \text{sec}$			
Insulation		$\geq 1000 \text{ M}\Omega$ [at 500V]			
Operating Temperature Range		-40~+125°C			
Storage Temperature Range		-40~+125°C			

Consult our sales representative for other specifications.

■ Dimensions [mm]

TO-5 2P3L		TO-5 3P4L		TO-5 4P4L		TO-5 7P8L	
Pin No.	Signal	Pin No.	Signal	Pin No.	Signal	Pin No.	Signal
#1	GND. (Ag-Cu Coating)	#1	GND. (Ag-Cu Coating)	#1-#4	Input and Output terminals	#1	GND. (Ag-Cu Coating)
#2-#3	Input and Output terminals	#2-#4	Input and Output terminals		*No GND Terminal	#2-#8	Input and Output terminals
	TO-5 2P3L	TO-5 3P4L	TO-5 4P4L	TO-5 4P4L			
A	φ9.10	φ9.10	φ9.15	φ9.05			
B	φ7.60	φ7.60	φ7.62	φ7.60			
C	φ5.08	φ5.08	φ5.08	φ5.84			
D	φ0.44	φ0.44	φ0.55	φ0.44			