

ICP-10111



Applications



Commercial Grade

Market

Smartphone
Tablet
Wearable
IoT

Axis

1-Axis

Features

Series

ICP

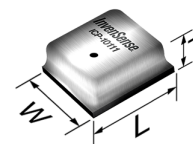
Status



Production

Comments

High Accuracy, Low Power, Barometric Pressure and Temperature IC



Size

| | |
|--------------|----------------|
| Length(L) | 2.50mm ±0.10mm |
| Width(W) | 2.00mm ±0.10mm |
| Thickness(T) | 0.92mm ±0.08mm |

Electrical Characteristics

| | |
|-----------------------------------|------------------|
| Rated Pressure / kPa | 30 to 110 |
| Pressure Sensor Relative Accuracy | ±1Pa |
| Pressure Sensor Noise | 0.4Pa |
| Digital Output | I ² C |
| VDD Power Supply / V | 1.71 to 1.89 |
| VDDIO I/O Power Supply / V | 1.71 to 1.89 |
| Gyro FSR | |
| Gyro Sensitivity Error | |
| Gyro Rate Noise | |
| Accel FSR | |
| Accel Sensitivity Error | |
| Accel Noise | |

Other

| | |
|-----------------------------|--|
| Operating Temperature Range | -40 to 85°C |
| AEC-Q100 | No |
| Packing | Embossed (Plastic)Taping [330mm Reel, Tape width 12mm] |
| Package Quantity | 5000pcs |
| Weight | |

! Images are for reference only and show exemplary products.
! This PDF document was created based on the data listed on the TDK Corporation website.
! All specifications are subject to change without notice.