

ICP-10110



Applications



Commercial Grade

Market

Smartphone

Tablet

Wearable

IoT

Axis

1-Axis

Features



Waterproof:IPx8 (1.5m)

Series

ICP

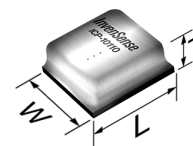
Status



Production

Comments

High Accuracy, Low Power, Waterproof 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 I²C

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.