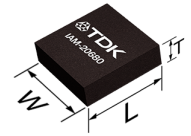


IAM-20680



Applications	Automotive Grade
Market	Gyroscope Accelerometer Automotive
Axis	6-Axis
Features	AEC-Q100 AEC-Q100
Series	IAM
Status	Preliminary
Comments	Dual-axis gyroscope for optical image stabilization available in X/Y and X/Z configurations at 0.9 and 0.75 mm package heights.



Size	
Length(L)	3.00mm ±0.10mm
Width(W)	3.00mm ±0.10mm
Thickness(T)	0.75mm ±0.05mm

Electrical Characteristics	
Digital Output	I ² C SPI
VDD Power Supply / V	1.71 to 3.6
VDDIO I/O Power Supply / V	1.71 to 3.6
Gyro FSR	±250/500/1000/2000
Gyro Sensitivity Error	131/65.5/32.8/16.4
Gyro Rate Noise	0.005dps/√Hz
Accel FSR	±2/4/8/16
Accel Sensitivity Error	16384/8192/4096/2048
Accel Noise	
Compass FSR	
Pressure Sensor Relative Accuracy	
Pressure Sensor Noise	

Other	
Operating Temperature Range	-40 to 85°C
AEC-Q100	Yes
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 12mm]
Package Quantity	5000pcs
Weight	0.14g

! 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.