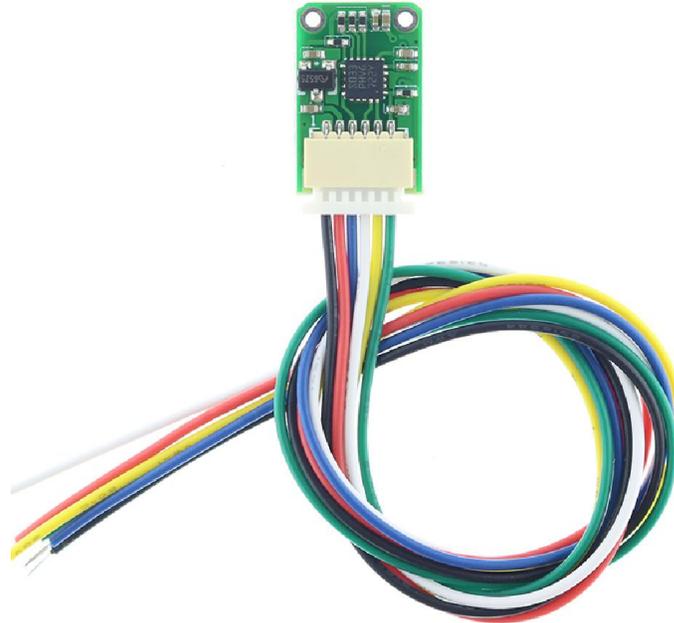


# ToF Laser Range Sensor Module

## TOF05140



### Features:

- 940nm laser classified as class 1 under operation condition
- by IEC 60825-1:2014-3rd edition
- Small sensor ceramic package (4.4×2.4×1.0mm)
- Long range absolute range measurement up to 1.4m
- within 5% accuracy at indoor
- Reported range is independent of the target reflectance
- Operates in high infrared ambient light levels
- Advanced optical cross-talk compensation
- High speed ranging MAX 30ms
- Standard solder reflow compatible
- No additional optics
- Single power supply
- Txd interface for device control and data transfer
- Lead-free, RoHS compliant
- Board size: 10x15mm
- VDD: 3-5VDC
- ICC-VDD: 35mA
- Range: 50-1400mm
- Operating Temp: -20 to +85 industrial grade