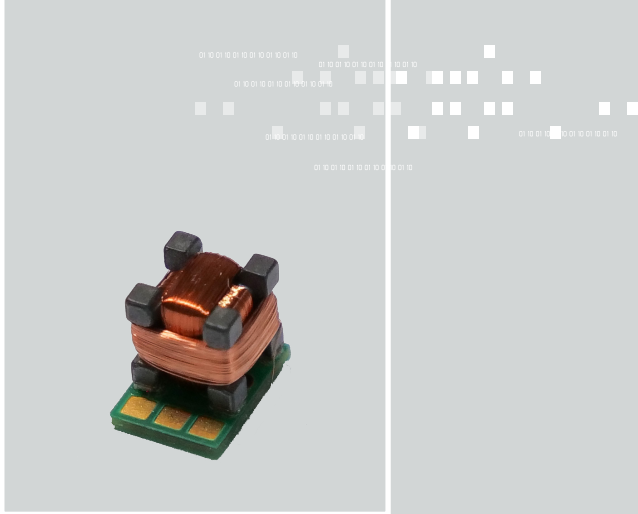


3DCC03

3D Cube
4.2x3.5x3.2mm

Rx EM MOTION TRACKING SENSORS



APPLICATIONS

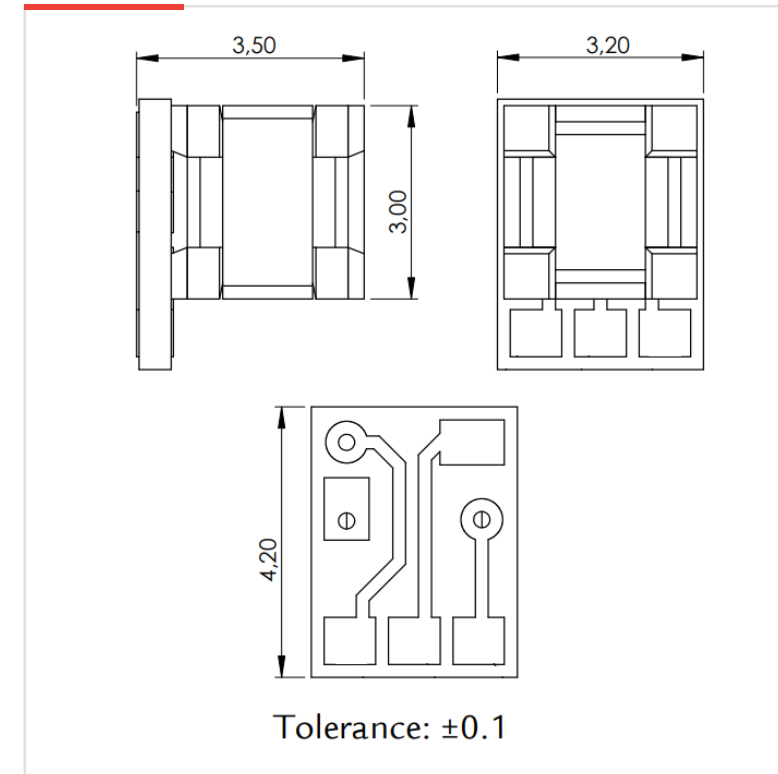
Micro 3D magnetic field receiver / Micro 3D motion tracking antenna.

01 CHARACTERISTICS

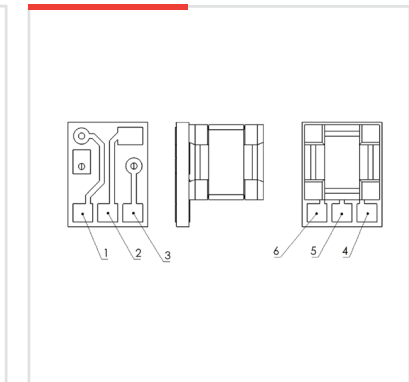
- › Size 4.2x3.5x3.2 mm
- › Passive inductive receiver
- › 3D Magnetic field sensitive
- › Working frequency: 20 kHz
- › Operating temperature: -40 °C to +85 °C
- › Storage temperature: -40 °C to +85 °C.

02 DIMENSIONS

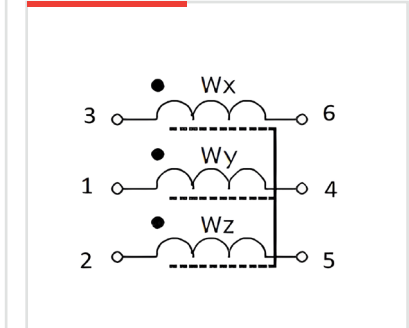
DIMENSIONS (mm)



PINOUT DIAGRAM



ELECTRICAL DIAGRAM



ELECTRICAL SPECIFICATIONS | 20kHz

Code	L _{x,y,z} nom (mH)	Q _{x,y,z} nom Min	f(kHz)	SRF _{x,y} (kHz) Min	SRF _z (kHz) Min	DCRx (Ohm) Max	DCRy (Ohm) Max	DCRz (Ohm) Max	Sensit. _{x,y,z} (mV/nT) Min
3DCC03-A-0570J	5.7/5.3/4.9	1.5/ 1.2 / 1.0	20	500	500	396	462	605	250