**3DV09**

**SMD 3D Coil**

9.5x9.5x3.2 mm

**Rx: EM MOTION TRACKING SENSORS**

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**CHARACTERISTICS**

- Size 9.5x9.5x3.2 mm
- SMD solution
- Suitable for AOI
- Inductance range: 2-20 mH
- Labelled to allow P&P operations
- Sensitivity over 9.0 mV/A/m.

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**FEATURES**

Electromagnetic motion tracking system. Works by using one low frequency isotropic magnetic field generator and one or several isotropic 3D magnetic sensors. 3D coils have huge flexibility in terms of customization and setup to fulfill the application needs or environment changes. Size of this coil makes it suitable in several applications where reduced size is a must.

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**DIMENSIONS**

- **DIMENSIONS (mm)**
  - L x,y,z (mH) 5(xy)/16(z)
  - Q min 3.0
  - f(kHz) 20
  - SRFx,y (kHz) Min 250
  - SRFz (kHz) Min 500
  - DCRx (Ohm) Max 192.5
  - DCRy (Ohm) Max 209
  - DCRz (Ohm) Max 330.1
  - Sensitivity (mV/A/m) Min (*) 9.0

(*): Ask for sensitivity test set up and recommendations.