

B82453C0300A000



| Applications | Automotive Grade | |
|--------------|-----------------------------------|--|
| Feature | 3D Coil 3D Coil AEC-Q200 AEC-Q200 | |
| Туре | B82453C*A | |
| Status | Production | |
| Brand | EPCOS | |

| | Size |
|--------------------|-----------------|
| Length(L) | 12.50mm ±0.20mm |
| Width(W) | 11.50mm ±0.20mm |
| Thickness Height | 3.60mm Max. |

| | Electrical Characteristics |
|------------------------------|----------------------------|
| Inductance_X | 4.75mH ±3% at 125kHz |
| Inductance_Y | 4.75mH ±3% at 125kHz |
| Inductance_Z | 5.85mH ±3% at 125kHz |
| Working Frequency | 125kHz |
| Q_X (Typ.) | 23.5 at 125kHz |
| Q_Y (Typ.) | 23.5 at 125kHz |
| Q_Z (Typ.) | 19 at 125kHz |
| Sensitivity_X (Typ.) | 60mV/µT at 125kHz |
| Sensitivity_Y (Typ.) | 57mV/µT at 125kHz |
| Sensitivity_Z (Typ.) | 45mV/μT at 125kHz |
| Resonance Frequency_X (Min.) | 600kHz |
| Resonance Frequency_Y (Min.) | 600kHz |
| Resonance Frequency_Z (Min.) | 400kHz |
| DC Resistance_X (Max.) | 80Ω |
| DC Resistance_Y (Max.) | 80Ω |
| DC Resistance_Z (Max.) | 165Ω |

| Other | | |
|---|--|--|
| Operating Temp. Range (Including Self-Temp. Rise) | -40 to 85°C | |
| Soldering Method | Reflow | |
| AEC-Q200 | Yes | |
| Packing | Embossed (Plastic)Taping [330mm Reel, Tape width 24mm] | |
| Package Quantity | 900pcs | |
| Weight | 1.7g | |

<u>I images are for reference only and snow exemplary products.</u>

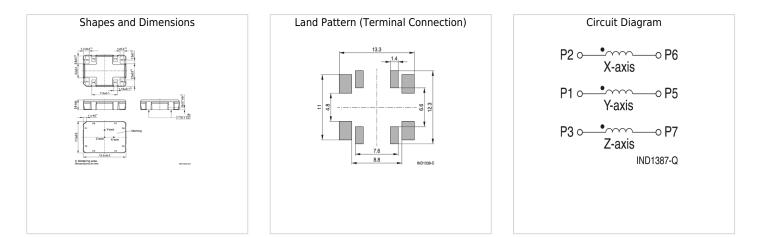
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Associated Images



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