



RFID Transponder Coil – DA2339-AL

Part number ¹	Inductance ² at 100 kHz ±2% (mH)	Qmin ²	Read distance ³ (inches/cm)	Sensitivity ⁴ (mV/μT)	Matching capacitor ⁵ (pF)	DCR max ⁶ (Ohms)	SRF typ ⁷ (kHz)
DA2339-AL_	0.20	7	TBD	TBD	TBD	16.1	9800

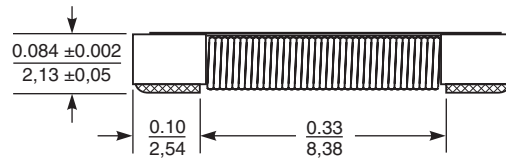
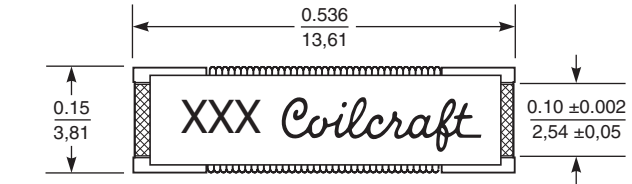
1. When ordering, please specify **packaging** code:

DA2339-AL D

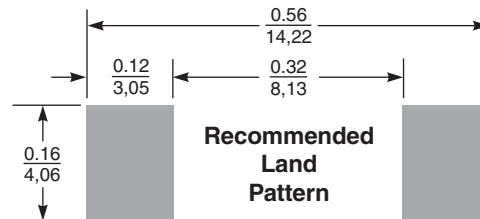
Packaging: D = 13" machine-ready reel. EIA-481 embossed plastic tape (3000 parts per full reel).

B = Less than full reel. In tape, but not machine ready.
To have a leader and trailer added (\$25 charge),
use code letter D instead.

- Inductance and Q measured using Agilent/HP 4192A impedance analyzer at 100 kHz. For recommended test procedures, contact Coilcraft.
 - Read distance measured using the KEELOQ[®] Transponder Evaluation Kit part number DM303005 from Microchip. Distance was recorded as the voltage across the resonant circuit dropped below 10 mV.
 - Sensitivity measured in accordance with Coilcraft application note "Measuring Sensitivity of Transponder Coils."
 - Matching capacitor value required for parallel resonant circuit operating at 125 kHz.
 - DCR measured on micro-ohmmeter.
 - SRF measured using Agilent/HP 8753D network analyzer.
 - Operating temperature range -40°C to +125°C.
 - Electrical specifications at 25°C.
- See Qualification Standards section for environmental and test data.



Unless specified, tolerance is ±0.010 (±0,25).



Terminations: Nickel/gold over phos bronze
Tape and reel: 3000/13" reel 24 mm tape width

Coilcraft[®]

Specifications subject to change without notice.
Please check our website for latest information.

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