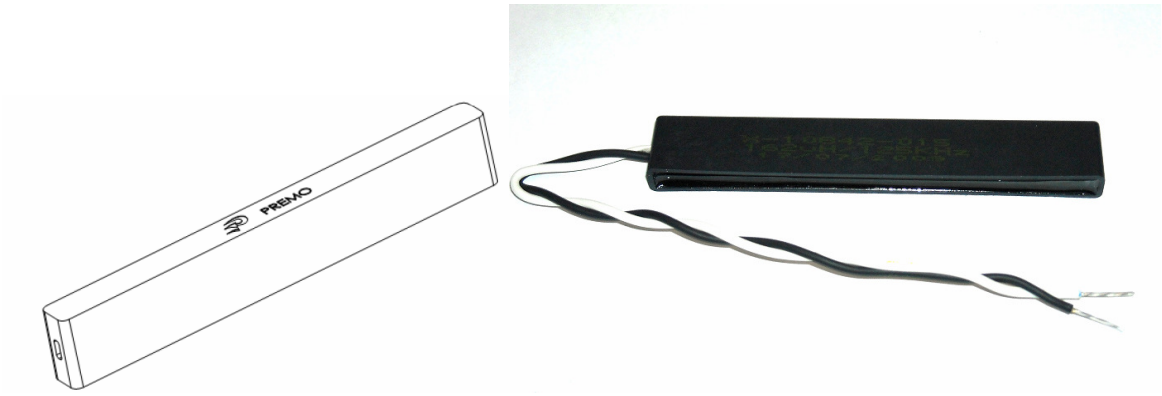
KGEA BFCAM

Emitter Antenna Low Profile 85x13x7mm Housing plastic base-potted and outside connector unsealed & sealed

C/Severo Ochoa 33 – Parque Tecnológico de Andalucía. 29590 Campanillas. Málaga (Spain) **Phone** +34 951 231 320 Fax +34 951 231 321
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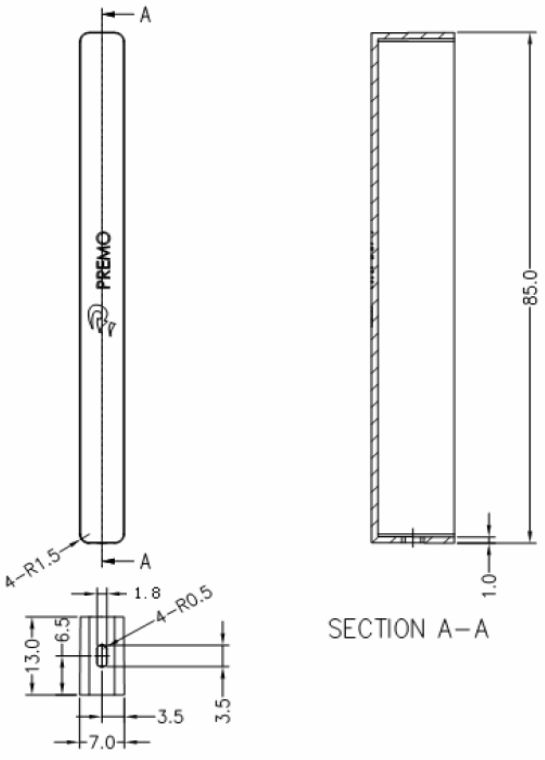
1. Features

- Ideally used access and start Hand Free subsystem for Passive Entry keyless Go System Requirements for automotive application.



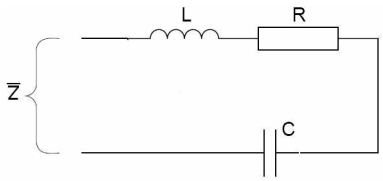
Connector: Optional Unsealed & Sealed

2. Dimensions



L> 20mm tolerance ± 0.5mm
10< L ≤ 20mm tolerance ± 0.2mm
L ≤ 10mm tolerance ± 0.1mm

3. Schematic Diagram

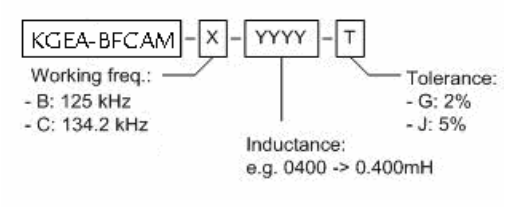


L: Ferrite core coil inductance
R: Copper resistance and connection
C: Tunning internal capacitor NPO
Z: External impedance

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E-mail: info@grupopremo.com Web http://www.grupopremo.com

4. Nomenclature:



5. Functional Performance:

Typical Operating Frequencies fo: 125 kHz and 134 kHz.
Temperature Range: -40 °C -> +85 °C.
Storage temperature: -40 °C -> +105 °C
Antenna Current: MAX 2.8App, Duty 30%
Tolerances: (fo ± 2% @ 25°C and fo ± 5% @ [-40°C to 85°C])
Products comply with RoHS requirements.
This part is according to AEC-Q200 Revision C.

6. Electrical Characteristics

KGEA-BFCAM

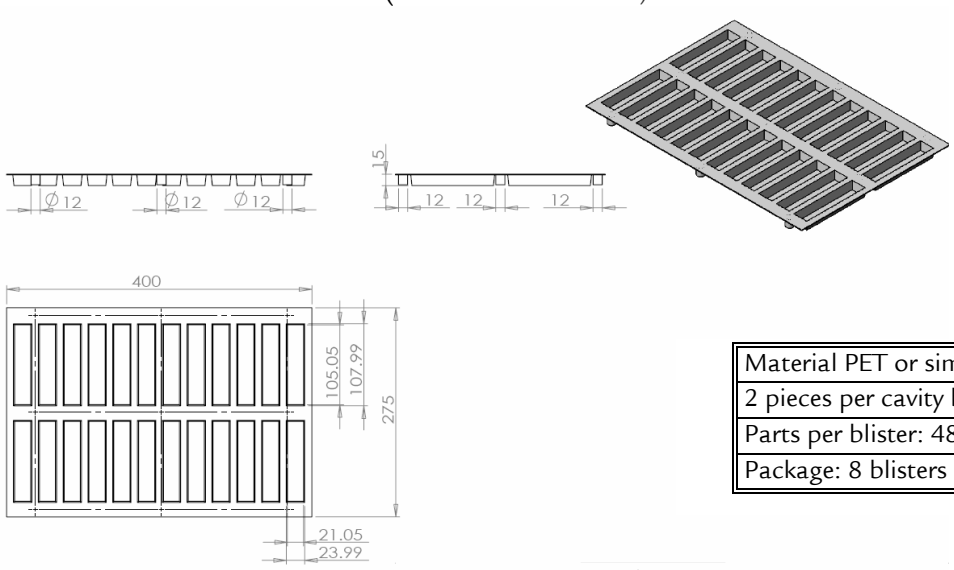
Code	L (mH)	Q min	Freq (KHz)	SRF Coil (Mhz)	Length (mm)	Width (mm)	Height (mm)
KGEA-BFCAM-B-0345J	0.345	115	125	>3	85	13	7
KGEA-BFCAM-B-0500J	0.500	115	125	>3			
KGEA-BFCAM-C-0207J	0.207	100	134,2	>3			
KGEA-BFCAM-C-0426J	0.426	100	134,2	>3			

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7. Packaging information

BLISTER SPECIFICATION (All Dimensions in mm)



Material PET or similar.
2 pieces per cavity blister
Parts per blister: 48pcs
Package: 8 blisters

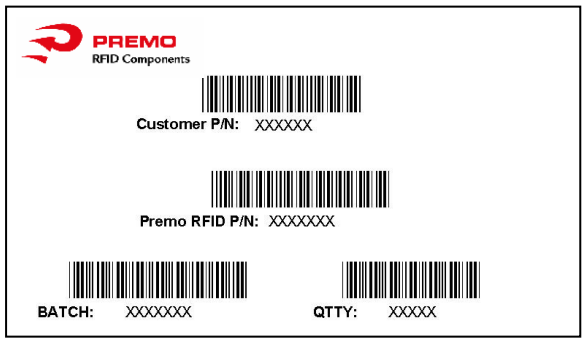
8.- Printing and Labelling

PART PRINTING

PART NUMBER

BATCH/DATE

PACKAGE LABELLING



Edition	Revision Date
1	07/08/09

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