



# 产品承认书 SPECIFICATION

客户 Customer	
客户料号 Customer Part Number	
产品编号 Part Number	125K-C-500J
产品描述 Product Description	低频天线
版本号 Edition	C

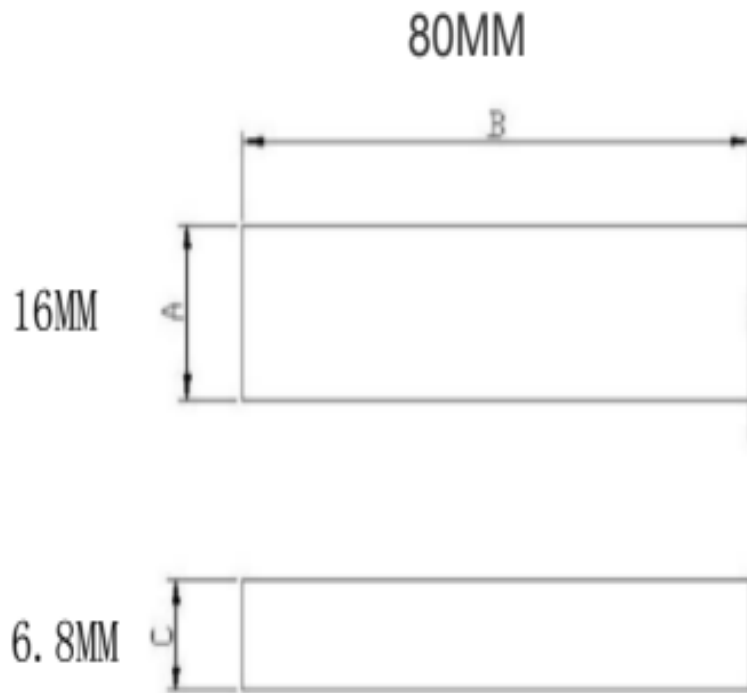


供应商 Supplier			客户 Customer
批准 Approval	审核 Check	制作 Design	批准 Approval
贺冠程	李娜	周英	



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1.Dimensions s ( unit: mm)



Note: 线束长度 20±3mm .

2.Electrical Parameters

Inductance L	500uH (TYP)
F	▲125KHz±1
Working Temperature	- 40° C至 85° C
Antenna gain	4dBi



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### 3. Details

*The antenna C is designed for emission of a LF field to allow hands free access towards the Customer Device Identification for automotive application. This type antenna are inserted in the vehicle being integrated into the Access and Start Hand Free subsystem for requirements Passive Entry and Remote keyless Go System. Housing plastic base Polyamide (ABS optional) assuring extreme conditions of humidity, liquids, substance and extreme environments.*

The connector is optional and it can be customized to required features. It can be sealed or unsealed with 2P, 3P,...,6P male or female and located outside the assembly of the antenna with 2 cables type SCA 105°C. Inside of the housing plastic base the serial inductance, capacitance and resistance can be customized to required values. Designed to allow long emitting-reading distances in the smallest volume. Variety of mounting requirements and solutions which to incorporate features to accommodate different fastening anchors and mechanical robustness. Nomenclature description:

The specification chart is a reference guide for the most common required values at working frequencies of 125 kHz, 20 kHz and 134.2 kHz. Any other inductance value at LF or tighter tolerances can be provided. Please contact our sales department for any inquiry.



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