

# Key Fob Transponder AT-KF-01



A X E Z E

RFID Access Control Products



## Overview

The AT-KF-01 Key Fob Transponder can be used with all Axeze LF readers which currently include the KES, KEN and KEP ranges of Readers and Reader/Controllers. It contains a 23 mm Glass Capsule Transponder (R/O 134.2 kHz). It is a general purpose transponder which works reliably under extreme environmental conditions, for instance in liquids. The Key Fob is 38.5mm in length and 10.4mm wide at the rings. At one end is a 4mm hole and a 20mm key ring.

## Specifications (for the capsule)

• Functionality	Read Only
• Memory (bits)	64
• Memory Pages	1
• Operating Frequency	134.2kHz
• Modulation	FSK 134.2 kHz / 123.2 kHz
• Transmission Principle	Half Duplex (HDX)
• Power Source	Powered from the reader signal
• Typical reading range	See product datasheets
• Operating Temperature	-40° to +85°C
• Storage Temperature	-40° to +100°C
• Case Material	Glass
• Protection Class	Hermetically sealed
• EMC	Programmed code not affected by normal EMI or X-rays
• Dimensions	φ85.5 mm ± 0.4 mm x 54mm ± 0.4 mm x 1.3mm ± 0.1mm
• Mechanical Shock	IEC 68-2-27, Test Ea; 300g, half-sine, 3 ms, 2 axes
• Dimensions (Diam. x L)	3.85mm ± 0.05mm x 23.1mm ± 0.5mm
• Weight	4g

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The above specifications are subject to change without notice