



High Temperature Resistant Flexible RFID Tag

Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	Global 840Mhz to 960Mhz
IC type:	Alien Higgs-3
Memory:	EPC 96bits (Up to 480bits) , USER 512bits, TID64bits
Write Cycles:	100,000times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	non Metal Surfaces
Read Range : (Fix Reader:ThingMagic FU-M6-E, 30dBm)	Up to 9.0M, off metal
Read Range : (Handheld Reader: OP9908, R2000, 30dBm)	Up to 5.0M, off metal
Warranty:	1 Year

Physical Specification:

Antenna Size:	7x11mm
Thickness:	0.13mm
Material:	FPC
Colour:	
Mounting Methods:	
Weight:	0.2g

Environmental Specification:

IP Rating:	IP68
Storage Temperature:	-40°C to +200°C
Operation Temperature:	-40°C to +100°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

Order information:

RFG T7111

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