



### Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	US(902-928MHZ), EU(866-868MHZ)
IC type:	NXP Ucode 8
Memory:	EPC 128 bits , USER 0 bits, TID 96 bits
Write Cycles:	100,000 times
Functionality:	Read/write
Data Retention:	50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	2.1m, (US) 902-928MHz, On metal
Read Range : (Handheld Reader)	1.0m, (US) 902-928MHz, On metal
Warranty:	1 Year

### Physical Specification:

Size:	13.0x9.0mm
Thickness:	3.0mm
Material:	Ceramic
Colour:	Black
Mounting Methods:	Adhesive
Weight:	1.8g

### Environmental Specification:

IP Rating:	IP68
Storage Temperature:	-40°C to +150°C
Operation Temperature:	-40°C to +100°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

### Dimensions:

