



Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	US(902-928MHZ), EU(866-868MHZ)
IC type:	Alien Higgs-3
Memory:	EPC 96 bits , USER 512 bits, TID 64 bits
Write Cycles:	100,000 times
Functionality:	Read/write
Data Retention:	50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	4.0m , US(902-928MHZ), On metal 4.0m , EU(866-868MHZ), On metal
Read Range : (Handheld Reader)	2.8m , US(902-928MHZ), On metal 2.8m , EU(866-868MHZ), On metal
Warranty:	1 Year

Physical Specification:

Size:	21.0x17.0mm
Thickness:	2.25mm
Material:	Ceramic
Colour:	White/Black
Mounting Methods:	Adhesive
Weight:	4.2g

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:

