

Ceramic Tag 5x2.5



FUNCTIONAL SPECIFICATIONS

Specification	
RFID Protocol	EPC Class1 Gen2, ISO18000-6C
Frequency	US (902-928MHz), EU (865-868MHz)
IC type	Alien Higgs-3
Memory	EPC 96bits , USER 512bits, TID 64 bits
Write Cycles	100.000 times
Functionality	Read/write
Data Retention:	50 Years
Applicable Surface	Metal Surfaces
Read Range (Fix Reader)	Up to 30cm, US (902-928MHz), On metal (depends on reader) Up to 25cm, EU (865-868MHz), On metal (depends on reader)
Read Range (Handheld Reader)	Up to 20cm, US (902-928MHz), On metal (depends on reader) Up to 13cm, EU (865-868MHz), On metal (depends on reader)

PHYSICAL SPECIFICATIONS

Specification	
Size	5.0x2.5mm
Thickness	2.0mm
Material	Ceramic
Color	White
Mounting Methods	Adhesive / (Optional) 3M 9474LE/ 9495LE
Weight	0.3g

ENVIRONMENTAL SPECIFICATIONS

Specification	
IP Rating	IP68
Storage Temperature	-40°C to +150°C
Operating Temperature	-40°C to +85°C
Certifications	Reach Approved, RoHS Approved, CE Approved

ORDER CODE

Description	Order Code
Ceramic Tag 5x2.5	ST-UHF-OP-CT-5x2.5-EU
	ST-UHF-OP-CT-5x2.5-US
Ceramic Tag 5x2.5 Adhesive (Optional)	ST-UHF-OP-CT-5x2.5-EU-AD
	ST-UHF-OP-CT-5x2.5-EU-AD

DIMENSIONS

