



# Ceramic Tag 5x5

## FUNCTIONAL SPECIFICATIONS

Specification	
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)	Up to 1.0m, On metal (depends on reader)
Read Range (Handheld Reader)	Up tp 0.6m, On metal (depends on reader)

## PHYSICAL SPECIFICATIONS

Specification	
Size	5.0x5.0mm
Thickness	3.0mm
Material	Ceramic
Color	Black
Mounting Methods	Adhesive / (Optional) 3M 9474LE/ 9495LE
Weight	0.8g

## ENVIRONMENTAL SPECIFICATIONS

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

## ORDER CODE

Description	Order Code
Ceramic Tag 5x5	ST-UHF-OP-CT-5x5-EU
	ST-UHF-OP-CT-5x5-US
Ceramic Tag 5x5 Adhesive (Optional)	ST-UHF-OP-CT-5x5-EU-AD
	ST-UHF-OP-CT-5x5-EU-AD

## DIMENSIONS

