



Ceramic Tag 12x7

FUNCTIONAL SPECIFICATIONS

Specification	
RFID Protocol	EPC Class 1 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 2.3m, On metal (depends on reader)
Read Range (Handheld Reader)	Up to 1.3m, On metal (depends on reader)

PHYSICAL SPECIFICATIONS

Specification	
Size	12.0 x 7.0mm
Thickness	3.0mm
Material	Ceramic
Color	Black
Mounting Methods	Adhesive / (Optional) 3M 9474LE/ 9495LE
Weight	1.6g

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 12x7	ST-UHF-OP-CT-12x7-EU
	ST-UHF-OP-CT-12x7-US
Ceramic Tag 12x7 Adhesive (Optional)	ST-UHF-OP-CT-12x7-EU-AD
	ST-UHF-OP-CT-12x7-US-AD

DIMENSIONS

