



Ceramic Tag D10

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, TID64 bits
Write Cycles	100.000 times
Functionality	Read/write
Data Retention:	50 Years
Applicable Surface	Metal Surfaces
Read Range (Fix Reader)	Up to 1.3m, US (902-928MHZ), On metal (depends on reader) Up to 1.0m, EU (866-868MHZ), On metal (depends on reader)
Read Range (Handheld Reader)	Up to 0.8m, US (902-928MHZ), On metal (depends on reader) Up to 0.6m, EU (866-868MHZ), On metal (depends on reader)

PHYSICAL SPECIFICATIONS

Specification	
Size	D:10.0mm (Diameter)
Thickness	1.5mm
Material	Ceramic
Color	Black
Mounting Methods	Adhesive / (Optional) 3M 9474LE/ 9495LE
Weight	1.0g

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 D10	ST-UHF-OP-CT-D10-EU
	ST-UHF-OP-CT-D10-US
Ceramic Tag D10 Adhesive (Optional)	ST-UHF-OP-CT-D10-EU-AD
	ST-UHF-OP-CT-D10-US-AD

DIMENSIONS

