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RFO-LU1118
260°C High Temperature
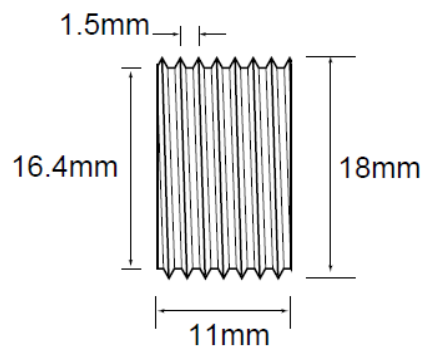## UHF Screw Tag

Product Description

Main Features

High Temperature RFID Screw Tag RFO-LU1118 M18

The RFO-LU1118 is a rfid security tag that can be mounted by screws to metallic assets in high temperature environment. This high temperature durable RFID Screw tag is an excellent solution for a wide range of applications.

From tracking of surgical tools and trays, to process management in automotive manufacturing and identification of metallic assets in the oil and gas, construction and mining sectors.

Product dimensions

Article no:

Typical Applications

•Manufacturing	•Health Care
•Security	•Asset management
•Waste management	•Food
•Logistics	•Transportation

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Functional Specifications:	RFO-LU1118
RFID Protocol	EPC Class1 Gen2, ISO18000-6C
Frequency	US 902-928MHz, EU 865-868MHz
IC type	Alien Higgs-3/NXP UCODE8
Memory	EPC 96bits (Up to 480bits), User 512bits, TID64bits
Write Cycles	100,000 times
Functionality	Read/write
Data Retention	50 years
Applicable Surface	Metal Surfaces
Read Range(On Metal) :(Fix Reader)	0.9m (US) 902-928MHz, On metal; 0.8m (EU) 865-868MHz, On metal;
Read Range(On Metal) :(Handheld Reader)	0.35m (US) 902-928MHz, On metal; 0.35m (EU) 865-868MHz, On metal;
Warranty	1 Year

Physical Specification:	
Size	Dia18mm
Thickness	11mm
Material	304 stainless steel
Colour	Grey
Mounting Methods	Screw
Weight	13.5g

Enivironmenal Specification:	
IP Rating	IP68
Storage Temperature	-50℃ to +260℃(Withstand 300°C for 100 hours)
Operation Temperature	-40°C to +150°C
Certifications	Reach, RoHs, CE

Power on Tag	