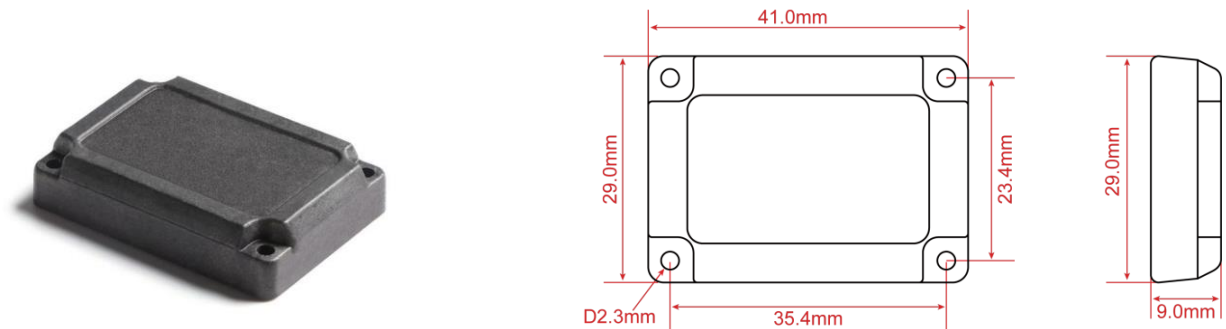


JRI-3001



UHF RFID TAG FOR STERILIZATION CONTAINER

JRI-3001 UHF RFID tag is designed to track sterilization containers and instrument trays, withstanding repeated chemical disinfection and high temperature sterilization cycles. It realizes more efficient and accurate inventory management.



Functional Parameters	
Air Interface Protocol	EPC Class1 Gen2; ISO18000-6C
Working Frequency	902-928MHz(US), 865-868MHz(EU)
Chip Type	NXP UCODE 8
Chip Storage	EPC 128bits, User 0, TID96bits
Number of Writes	At least 100, 000 times
Data Retention	50 Years
Warranty	1 Year
Applicable Surface	Metal surface
Reading Distance	Fixed Reader: US6.5m, EU6.0m; Handheld Reader: US3.5m, EU3.0m

Physical Parameters	
Thickness	9.0mm
Main Materials	PEEK
Surface Color	Black
Installation	Screw-socket head cap screw (M2)
Weight	15g

Environmental Parameters	
Protection Grade	IP68, IP69K
Acceptable pH	pH0 to pH14, or other liquids that peek materials can withstand
Working Temperature	-40°C ~ +200°C
Storage Temperature	-60°C ~ +260°C, +300 °C 100 hours
Actual Test	<ul style="list-style-type: none"> a. Bake at 300 °C for 100 hours without damage b. Bake at 280 °C for 1000 hours without damage c. Bake at 260 °C for 2000 hours without damage d. Eight hours at minus 20 °C and sixteen hours at +260 °C every day; Tested for 80 days without damage e. From +150 °C to -40 °C, 7.5 cycles a day; Total 80 days, 600 cycles, no damage f. Bake at 260 °C for 100 hours, and soak in 2 meters of water for 48 hours; The label shall be free from water and damage
Compressive Strength	150Mpa

Application



Sterilization Container



Instrument Tray

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