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**TMC0404 UHF RFID On-metal Tag Datasheet****Performance Characteristics**

Protocol:	EPC Class1 Gen2, ISO18000-6C
Operating Frequency	902-928MHz
Chipset:	H3
Memory:	EPC 96bits (extendible to 480bits) , User 512bits, TID 64bits
Re-writing cycles:	100,000 cycles
Functionality:	Read/Write
EEPROM data retention:	50 years
Applications:	Metal surface, asset tracking
Reading range: (With 4W fixed reader)	0.8m, on metal surface, 902-928MHz
Reading range: (With 2W handheld reader)	0.4 m, on metal surface, 902-928MHz
Warranty period:	1 year

**Physical Characteristics**

Dimension:	4mm x 4mm x 38mm
Material:	Ceramic
Color:	Black
Installation method:	Adhesive
Weight:	0.3g

**Environmental Characteristics**

IP rating:	IP68
Storage Temperature:	-40°C to +150°C
Operating Temperature:	-30°C to +85°C