TW5512S UHF RFID Silicon Laundry Tag Datasheet

Performance Characteristics	
Protocol:	EPC Class1 Gen2, ISO18000-6C
Operating Frequency	902-928MHz
Chipset:	R6P
Memory:	EPC 128bits
Re-writing cycles:	100,000 cycles
Functionality:	Read/Write
EEPROM data retention:	50 years
Applications:	Laundry or other non-metal surface, often used for multi-cycle washing.
Reading range: (With 4W fixed reader)	7.0m，on non-metal surface, 902-928MHz
Reading range: (With 2W handheld reader)	4.0m，on non-metal surface, 902-928MHz
Warranty period:	1 year
Physical Characteristics	
Dimension:	55mm x 12mm x 3mm
Material:	Silicon
Color:	White
Installation method:	Sewing
Weight:	2.0g/pc
Environmental Characteristics	
IP rating:	IP65
Storage Temperature:	-40°C to +120°C
Operating Temperature:	-40°C to +180°C