

RTEC L-T7512™



- 200 Industrial Washing Cycles
- Ironing, Pre-drying
- high temperature sterilization
- capable of 60 bar pressure

Environmental Specifications

Operating Temperature	-30°C to +85°C
Ambient Temperature	-30°C to +110°C
IP Classification	IP68
Mechanical Resistance	60 bars
Chemical Resistance	Normal common chemicals in the washing processes
Heat Resistance	Washing: 90°C, 15 mins, 200 cycles Pre-drying: 180°C, 30 mins Ironing: 180°C, 10 sec, 200 cycles Sterilization: 135°C, 20 mins
Certifications	CE approved RoHS approved ATEX/IECEX certified
Warranty	2 years or 200 washing cycles



Mechanical Specifications

Tag Materials	Metal Wire
Surface Materials	Textile
Dimensions	12 x 75 x 1.5 mm
Weight	0.7 g
Color	White
Attachment	Sew in the hem or woven label

*During sewing, the stitching thread should not damage the metal wire and chip module.

RF Specifications

RF Air Protocol	EPC Global Class 1 Gen2 ISO18000-6C
Operating Frequency	UHF 860-960 MHz
Environment Compatibility	Optimized in Air
Read Range	Up to 12 m (ETSI)/10 m (FCC)
Polarization	Linear
IC Type	NXP U9/U8
Memory Configuration	EPC 96 bit/128 bit

*Read ranges indicated in this datasheet is achieved by using our standard testing methodology. Actual performance will be different if different reader hardware and output power is applied.

Order Information

Product #	RTEC6-T7512S
Product Name	RTEC L-T7512S

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