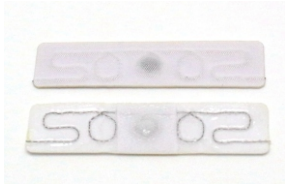


RTEC L-T5815™



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

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	15 x 58 x 1.5 mm
Weight	0.6 g
Color	White
Attachment	L-T5815S: Sew in the hem or woven label L-T5815P: Heat-sealing at 215°C@15 sec & 4 bars

*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 850-950 MHz (Global)
Environment Compatibility	Optimized in Air
Read Range	Up to 5.5 m (off metal)
Polarization	Linear
IC Type	Impinj R6-P
Memory Configuration	EPC 128bit TID 96bit User 32bit

*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-T5815S
Product Name	RTEC L-T5815S
Product #	RTEC6-T5815P
Product Name	RTEC L-T5815P

RTEC Singapore

57 Mohamed Sultan Road
#01-05 Sultan Link
Singapore 238997

RTEC China

L3 Enterprise accelerator B,
Scientific innovation District,
MianYang City
Sichuan, China 621000

