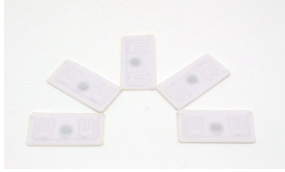


# RTEC L-T3618™



- 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	18 x 36 x 1.5 mm
Weight	0.5 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 866-868 MHz (ETSI) UHF 902-928 MHz (FCC)
Environment Compatibility	Optimized in Air
Read Range	Up to 1 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-T3618S
Product Name	RTEC L-T3618S



### 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

