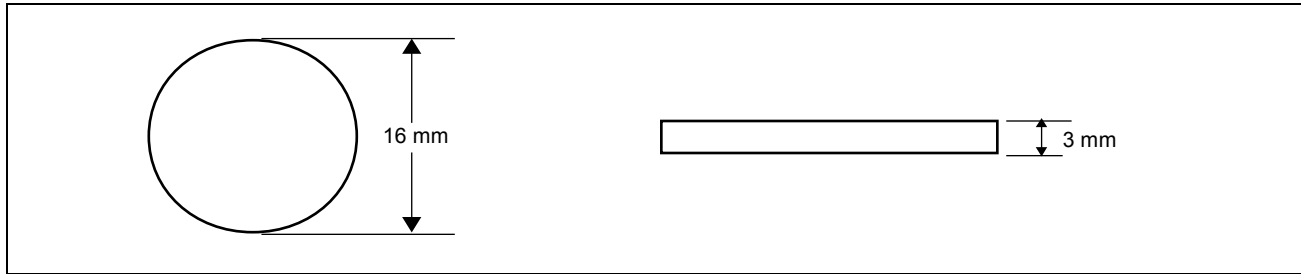




LTU-160-RO

Low Frequency Passive RFID Tag



Specifications

Description	Heat, chemical, and pressure resistant 64 bit read only, 40 bit serial number
Frequency	125 kHz \pm 6 kHz
Size	Diameter: 16 mm \pm 0.1 mm, Thickness: 3.0 mm +0.1/-0mm
Material	Black Epoxy
Weight	1.1 g
Chemical Resistance	Waterproof IP 68 (water, 2m, 24h, 20°C) Gasoline, HCL, Bleach, Formic acid (ph7), Caustic Soda (10%) (100h, 20°C)
Mechanical Resistance	Axial compression: 1000 N (10 s) Radial compression: 1000 N (10 s) Isostatic pressure: 300 bars (5 min) Vibration: 10-2000 Hz, 10 g 3 axes 2.5h (IEC68-2-6) Shock: 40 g, 18 ms, 6axes, 2000 times (IEC 68-2-27)
Temperature	Storage: -25°C to +120°C (160°C 35 hours, +220°C 30 seconds) Shock: -20°C to +160°C (100x 5 min 20 s) Operating: -25°C to +85°C
Read Range	Reader dependent (3 inches with TR-RO1-WM)
Read Speed	1,953 bits per second (35 ms read time typical)
Part Number	LTU-160-RO
Price	\$3.50 each (minimum 10, volume pricing is available)