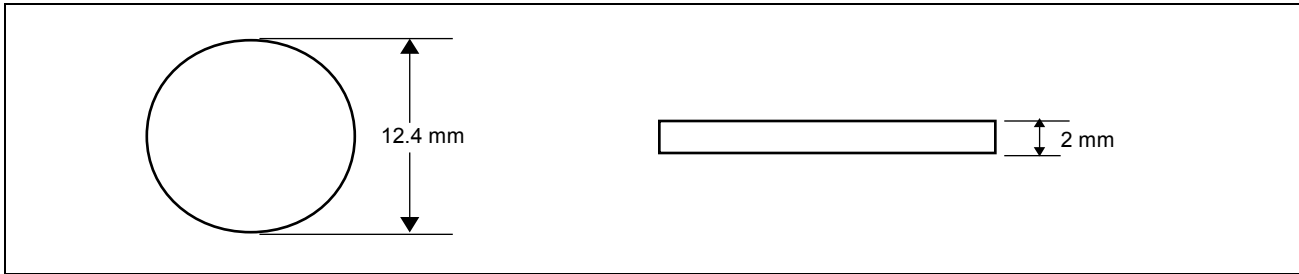




LTU-120-RO

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: 12.4 mm \pm 0.2 mm, Thickness: 2.0 mm +0.4/-0mm
Material	Black PPS Epoxy
Weight	0.7 g
Chemical Resistance	Waterproof IP 68 (water, 1m, 24h, 20°C) Aqueous Salt Solution (100h, 20°C) Unleaded Gasoline, Petroleum, Motor Oil (100h, 20°C) HCL (10%), Bleach, Formic acid (ph7), Caustic Soda (ph11), (100h, 20°C)
Mechanical Resistance	Axial compression: 800 N Radial compression: 500 N Vibration: 10-2000 Hz, 10 g 3 axes 2.5h (IEC68-2-6) Shock: 40 g, 6 ms, 6 axes, 2000 times (IEC 68-2-27)
Temperature	Storage: -40°C to +130°C (160°C 35 hour test) Shock: -20°C to +160°C (100x 10min 30s) Operating: -25°C to +85°C
Read Range	Reader dependent
Read Speed	1,953 bits per second (35 ms read time typical)
Part Number	LTU-120-RO
Price	\$3.39 each (minimum 10, volume pricing is available)