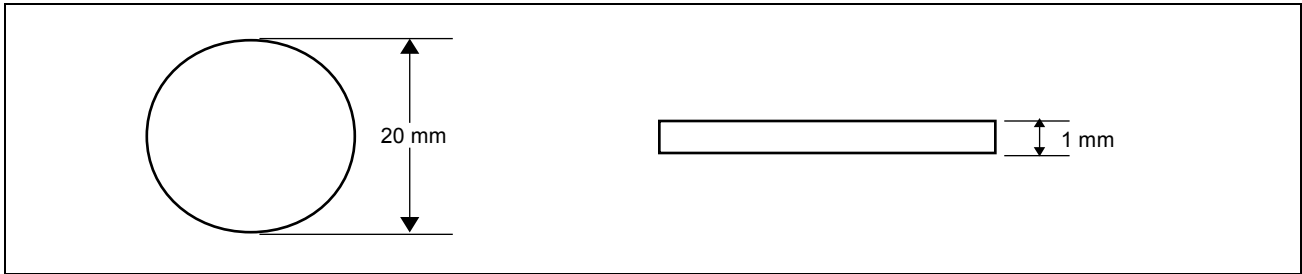




EPD-20-RO

Low Frequency Passive RFID Tag



Specifications

Description	Heat and chemical resistant epoxy disk
Transponder	RF/64, Manchester, 64 bit read only, 40 bit serial number
Frequency	125 kHz \pm 6 kHz
Size	Diameter: 20 mm \pm 0.5 mm, Thickness: 1.0 mm \pm 0.3 mm
Material	Glass fiber reinforced epoxy laminate
Color	Black
Weight	0.7 g
Protection	Waterproof according to IP66 UV radiation (100mW/cm ²) Axial compression: 800 N Radial compression: 750 N Vibration: 20-2000 Hz, 20 g 3 axes 2h (IEC68-2-6) Shock: 40 g, 6ms, 6axes, 2000 times (IEC 68-2-29)
Temperature	Operating: -20°C to +85°C Storage: -20°C to +130°C (up to 1000 hours), +200°C up to 2 minutes
Read Range	Reader dependent (10+ cm with TR-RO1-WM)
Read Speed	1,953 bits per second (35 ms read time typical)
Part Number	EPD-20-RO
Price	\$2.85 each (minimum 10, volume pricing is available)