

RSI AT-79

865 - 928 MHz Global, Passive Asset Tag



Global Passive Transponder for Asset Tracking

Sirit's RSI AT-79 tag is a high performance radio frequency identification (RFID) tag designed specifically for asset tracking applications. The tag's construction enables use of the tag in environments where mount on metal or hard to tag applications are specified.

The AT-79 tag can be manufactured with a customized preprinted face layer, and is applied to the asset by a high bond strength acrylic adhesive, which provides excellent adhesion to most surfaces. The AT-79 offers user memory and a unique identifier, making it ideally suited for a number of asset tracking applications including those requiring additional memory. With its low profile and surface independent performance, Sirit's RSI AT-79 tag improves asset visibility and reduces inventory cycle count time for a wide range of asset tracking applications from high value asset tracking to IT asset and tool crib asset management applications.

Performance Characteristics

Operating Frequency:	902 - 928 MHz Americas, 4 W EIRP 869.4 - 869.56 MHz Europe, 0.5 W ERP 865.6 - 867.6 MHz Europe, 2 W ERP
Working Range:	Determined by reader/antenna configuration, regulatory specifications and application surface; read range up to 1.85 m (6 ft.) and 6.7 m (22ft), with Sirit's <i>INfinity</i> 510 reader.
Supported Protocol:	ISO 18000-6C
Functionality:	Read/Write

Memory

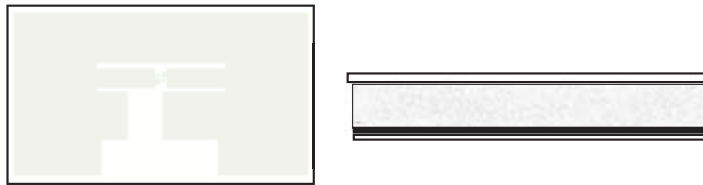
On-Chip Memory:	800 bits of Nonvolatile Memory (
EPC	96-EPC Bits, extensible to 480 Bits
User Memory	512 User Bits
Unique Tag Identifier:	64 bits
Access password:	32 bits
Kill password:	32 bits
EEPROM data retention:	10 years
EEPROM write endurance:	10,000 cycles

Physical Characteristics

Dimensions (WxL):	30.0 x 40.0 mm (1.1875 x 1.75 in.)
Part Number:	AT-79

Environment

ESD Voltage Immunity:	+/- 3kV
Operating Temperature:	-40°C to +85°C (-40°F to 185°F)



For more information contact Sirit tag sales at 1.619.656.2515 or at

www.sirit.com

About Sirit Inc.

Sirit Inc. (TSX: SI) is a leading provider of Radio Frequency Identification (RFID) tags, readers, embedded modules and services, and a leading vertically integrated manufacturer of antennas, inlays and tags, which when integrated with our partners' products are designed to make RFID work. Sirit's core skills in rapid tag design and high quality manufacturing of inlays and labels, coupled with its extensive systems design and integration expertise, enable it to deliver complete, innovative solutions to complex RFID problems across global markets. For more information contact Sirit tag sales at 619.656.2515. or visit www.sirit.com.