



Global Passive Transponder for Mount on Metal Applications

Sirit's RSI MT-76 tag is a high performance radio frequency identification (RFID) tag designed specifically for mount on metal or applications where environmental extremes or exposures are required. The MT-76 tag can be applied using rivets, screws, or with a high bond strength acrylic adhesive, making it ideally suited for a broad range of applications where mount on metal is required.

RSI MT-76

865 - 928 MHz Global, Passive Mount on Metal Tag

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 INfinity 510 reader.
Supported Protocol:	ISO 18000-6C
Functionality:	Read/Write

Memory

On-Chip Memory:	368 bits (G2XL) 880 bits (G2XM)
EPC	240-EPC Bits
User Memory	512 User Bits (G2XM Only)
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):	150.8 x 25.4 mm (5.9375 x 1.0 in.)
Part Number:	MT-76

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



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.