

RSI-560 Inlay

13.56 MHz Global Passive Transponder



Sirit's RSI-560 is an HF inlay designed and optimized for use in plastic cards. The RSI-560 is a credit card sized inlay designed for use with ST Micro chips.



Performance Characteristics	
Operating Frequency:	13.56 MHz
Supported Protocol:	ISO 14443A
Functionality:	Read/Write
Memory	
Chip Type:	ST Micro SRI512 (512 bits) ST Micro SRT512 (512 bits) ST Micro SRIX4K (4096 bits)
EEPROM data retention:	40 years
EEPROM write endurance:	1,000,000 write/erase cycles
Physical Characteristics	
Dimensions (WxL):	Antenna - 46.0 x 76.0 mm (1.81 x 3.0 in.) Wet Inlay - 62.0 x 92.0 mm (2.44 x 3.622 in.)
Pitch:	95.25 mm (3.75 in)
Antenna Material Type:	Conductive Silver Ink
Yield:	95% (Dry); 99.6% (Wet)
Core Size:	3 in
Quantity/Roll:	5,000 (Dry); 1,000 or 5,000 (Wet)
Part Number:	IN-560 (Dry) WI-560 (Wet)
Environment	
ESD Voltage Immunity:	+/- 3kV
Operating Temperature:	-40°C to +85°C (-40°F to 185°F)
Storage Temperature:	-55°C to +125°C (-67°F to 257°F)
Relative Humidity:	30% - 70%

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.