

# RSI-674 Inlay

865 - 928 MHz Global, Passive Transponder



Sirit's RSI-674 is an all purpose high performance antenna. Designed for use with Monza 3 lcs and optimized for use in supply chain, warehouse and logistics applications, the RSI-674 design gives excellent performance for a wide variety of 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
Supported Protocol:	ISO 18000-6C
Data Transfer Rate:	Up to 640 kbps
Functionality:	Read/Write
Memory	
Chip Type:	Monza 3
EPC:	96 bits
User Memory:	0 bits
Tag Identifier:	32 bits
Access password:	32 bits
Kill password:	32 bits
EEPROM data retention:	50 years
EEPROM write endurance:	100,000 cycles
Physical Characteristics	
Dimensions (WxL):	Antenna -92.0 x 7.957 mm (3.62 x 0.313 in.) Wet Inlay - 98.425 x 12.7 mm (3.875 x 0.5 in.)
Pitch:	15.875 mm (0.625 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-74(Dry) WI-74 (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](http://www.sirit.com).