

# RC-S936

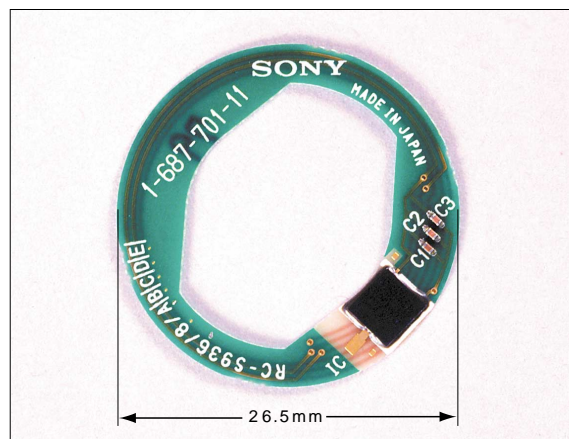
The RC-S936 is a contactless IC module designed to embed into wristwatches and has the same functions as “FeliCa” card even in this tiny size.

This module wristwatch allows users to enjoy all kinds of services without having to dig cards or IDs out of their wallets and bags.

Dedicated module for wristwatches

Compact Size

Sophisticated



### FEATURES

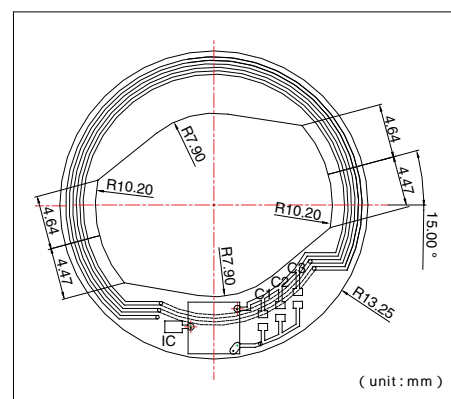
- Small diameter( Outer : 26.5 mm )
- Doughnut-shaped for easy integration into a wristwatch.
- Functions equivalent to those of FeliCa cards.( file system, encrypted communication with the Reader/Writer, etc. )
- We offer modules at different frequencies( 12.80, 13.00, 13.56MHz )to match your manufacturing conditions.

### SPECIFICATIONS

<b>Operating frequency</b>	13.56MHz	
<b>Communication distance</b>	0 ~ 20mm( when the RC-S441B is used ) 0 ~ 50mm( when the RC-S441C is used ) 0 ~ 20mm( when the RC-S480B is used )	
<b>Dimensions</b>	Diameter : 26.5mm , Thickness : 0.3mm( Maximum thickness 1.0mm or less )	
<b>Operating temperature / humidity</b> ( required for assuring specified communication distance )	- 5 t +40 / 20%RH h 90%RH +40 <t +50 / 50%RH or less	
<b>Storage temperature / humidity</b>	- 10 t +70 / 60%RH or less	
<b>EEPROM</b>	<b>Life</b>	100,000 times of writing or 7 years data storage ( - 5 ~ +50 )whichever comes earlier.
	<b>Memory size</b>	2kbytes
	<b>User memory area</b>	1,168bytes( 16bytes x 73blocks )

\*Some RC-S938 commands are not usable with the RC-S936.

### DIMENSIONL DRAWING



\*Specifications and external appearance are subject to change without prior notice.

\*FeliCa is a trademark of Sony Corporation.

\*FeliCa is contactless IC card technology developed by Sony Corporation.

## Sony Corporation

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As of June 2007  
FME001-05-0706