Installation Description

RFID Reader/Writer Module: TR3-C101 is installed in the Barcode Printer of SATO CORPORATION as shown in separate sheets.
With installation of TR3-C101 in the Barcode Printer of SATO CORPORATION, the following remarks are to be considered:

1. TR3-C101 is designated its own FCC ID Number; therefore, the FCC ID Number of TR3-C101 should be appeared on the label on the exterior of the Barcode Printer of SATO CORPORATION unless it is visible. Such label on the exterior should include a statement, either "Contains RFID Reader/Writer Module FCC ID: MMFSATOTR3" or "Contains FCC ID: MMFSATOTR3".

2. TR3-C101 is in compliance with the requirements of sub-sections 15.207, and 15.225 of FCC Rules Part 15. TR3-C101 is to be installed in accordance with their requirements.

3. User Manual of Barcode Printer, in which the RFID Reader/Writer Module is installed, will include the warning statement with regard to co-location of any other transmitter and antenna.

4. Special Accessory (Ferrite Core) must be patched for RF inference.
   Ferrite Core must be fixed to the position of 5 – 15mm from module.
   Please refer to the following pictures. (Next sheet)

TR3-C101 is in compliance with the requirements of the sub-section 2.1091. When TR3-C101 is installed in the Barcode Printer of SATO CORPORATION, installers must ensure that the public is not exposed to radio frequency energy levels in excess of FCC guidelines in accordance with FCC Rules Part 15.
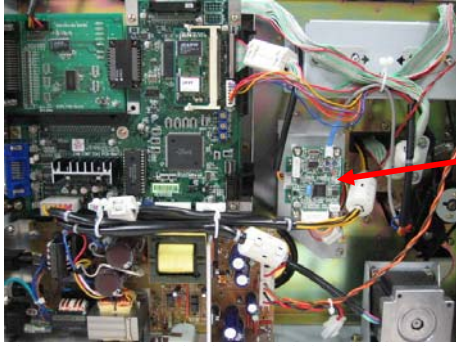
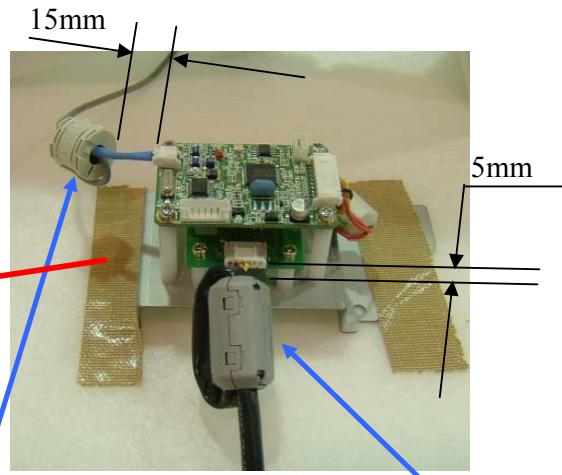Figure1 RFID Reader/Writer Module installed in Printer

15mm

5mm

Figure2 RFID Reader/Writer Module

(1)
1 turn

(2)
1 turn

Details of Ferrite Core

(1) Ferrite core is on RFID Reader/Writer Module to Antenna cable on RFID side.
   Model: TFT081610N
   Manufacture: TKK Co.,Ltd.

(2) Ferrite core is on RFID Reader/Writer Module to Printer control board cable on RFID side.
   Model: ZCAT2035-0930
   Manufacture: TDK Co.,Ltd.