RFID Tag (Passive)

ART868X2117225TX21

RoHS/RoHS II compliant

21.0 x 17.0 x 2.25mm

MSL level: Not Applicable

▷ **FEATURES:**
- RoHS Compliant
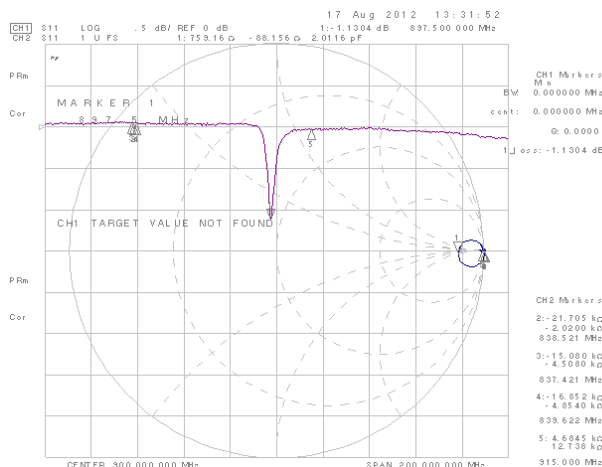- SMD Type
- High Gain

▷ **TYPICAL APPLICATIONS:**

RFID systems for Logistic & Inventory Management of Retail, Pharmaceutical, Automotive Industries; Industrial automation, Contactless smart cards.
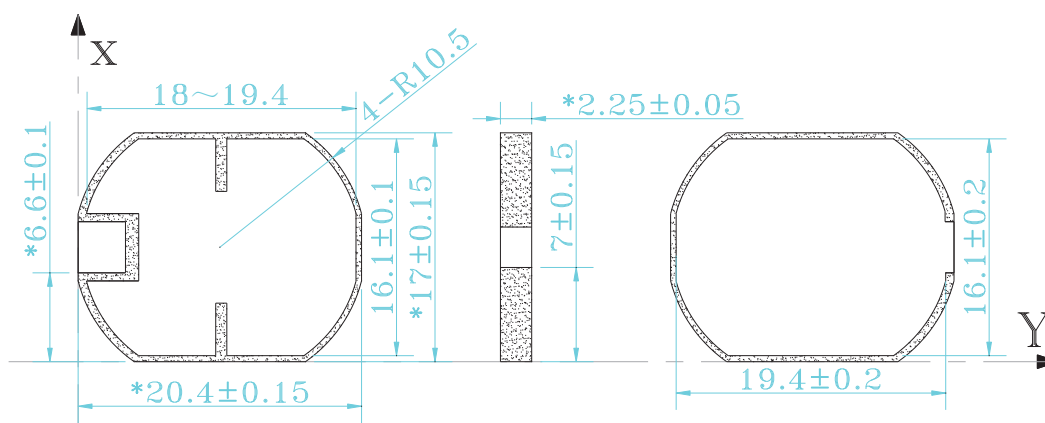
▷ **STANDARD SPECIFICATIONS:**

Parameters	Min.	Typ.	Max.	Units	Note
Range of Receiving Frequency		865-868		MHz	
Frequency of Lowest Return Loss		892± 3		MHz	(On TEST Plane)
Tag center frequency		868±5		MHz	（On Metal surface）
GAIN	1.0			dBi	(On70x70 GND Plane)
Polarization Model		Linear			(Right Hand Circular Polarization)
Impedance		EPC		Ω	
Working Temperature		-40～+85		°C	
Storage Temperature		-40～+110		°C	
Frequency Temperature Coefficient		0± 10		ppm/°C	

▷ **SMITH CHART**

▷ **OUTLINE DIMENSION**

Other Tolerance: ±0.1mm

Unit: mm

RFID Tag (Passive)
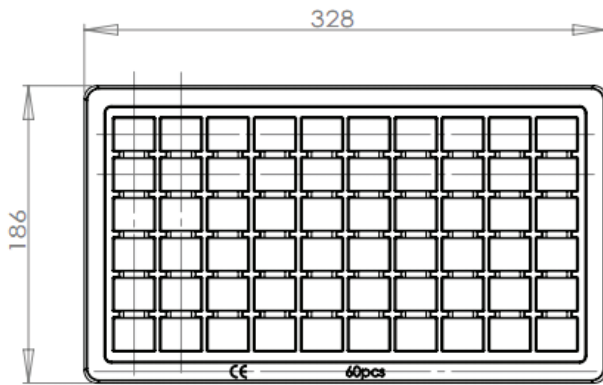
ART868X2117225TX21

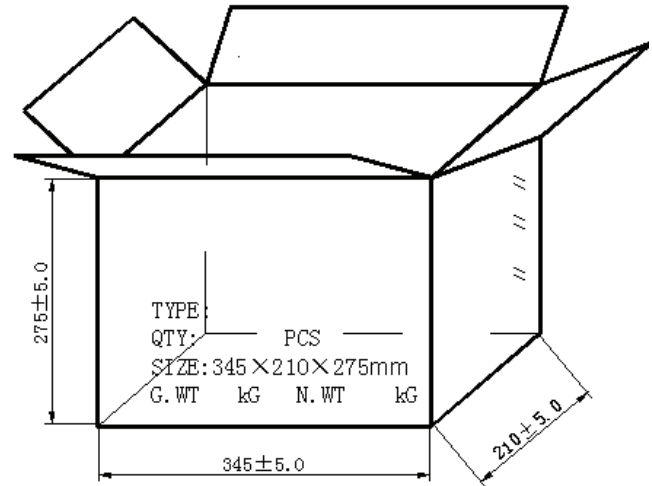**RoHS/RoHS II compliant**

21.0 x 17.0 x 2.25mm

▷ PACKAGING

Each tray contains 60pcs of RFID Tag Antenna. There are 6 trays per vacuum bag, 2 vacuum bags per inner box, and 2 inner boxes per carton (outer box) with size of 345*210*275mm.

Package Type	Quantity
Tray	60 pcs/tray
Vacuum Bag	360pcs/vacuum bag
Inner Box	720pcs/inner box
Outer Box	1440pcs/outer box

Tray

Outer Box

TYPE:
QTY: PCS
SIZE: 345 × 210 × 275mm
G.WT   kG   N.WT   kG

CAUTION:

(1) Do not apply excess mechanical stress to the component body or terminations. Do not attempt to re-form or bend the components as this will cause damage to the component.
(2) Do not expose the component to open flame.
(3) This specification applies to the functionality of the component as a single unit. Please insure the component is thoroughly evaluated in the application circuit.

NOTE:

1) The parts are manufactured in accordance with this specification. If other conditions and specifications which are required for this specification, please contact ABRACON for more information.
2) ABRACON will supply the parts in accordance with this specification unless we receive a written request to modify prior to an order placement.
3) In no case shall ABRACON be liable for any product failure from in appropriate handling or operation of the item beyond the scope of this specification.
4) When changing your production process, please notify ABRACON immediately.
5) ABRACON Corporation's products are COTS – Commercial-Off-The-Shelf products; suitable for Commercial, Industrial and, where designated, Automotive Applications. ABRACON's products are not   specifically designed for Military, Aviation, Aerospace, Life-dependant Medical applications or any   application requiring high reliability where component failure could result in loss of life and/or property.   For applications requiring high reliability and/or presenting an extreme operating environment, written consent and authorization from ABRACON Corporation is required. Please contact ABRACON Corporation for more information.
6) All specifications and Marking will be subject to change without notice.

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for NFC/RFID Tags & Transponders *category:*

Click to view products by ABRACON *manufacturer:*

Other Similar products are found below :

PNEV512B,699 V680-D1KP54T V680S-A40 50M PN7120A0EV/C10801Y TRPGR30ATGA SPS1M003B SPS1M003A SPS1M002B SPS1M002A V680S-A40 10M V680-D1KP66T ATA5577M2330C-DBQ 60208 60170 P5DF081X0/T1AD2060 MF1S5030XDA8/V1J MF1S7030XDA4/V1J HT1MOA4S30/E/3J HT2MOA4S20/E/3/RJ MFRC52302HN1,157 TRPGR30ATGB NRF51822-QFAA-R 20926410601 CLRC66303HNE ART915X1620TX16-IC ART915X2117225TX21-IC 28448 ART923X1015YZ10-IC ART868X130903TX13 ART868X25275YZ25 ART915X050503OP-IC ART915X100202TO-IC ART915X100503JA-IC ART915X130930TX13-IC ART915X250903AM-IC ART915X2509EP60-IC ART915X252503MA-IC ART915X25275YZ25 ART915X25275YZ25-IC ART923X1015YZ10 AS3932-BTST AS3933-BTST 20926410802 LXMSJZNCMF-198 MIKROE-779 13356-0571 13356-1151 13356-1351 13356-1401 13356-1431