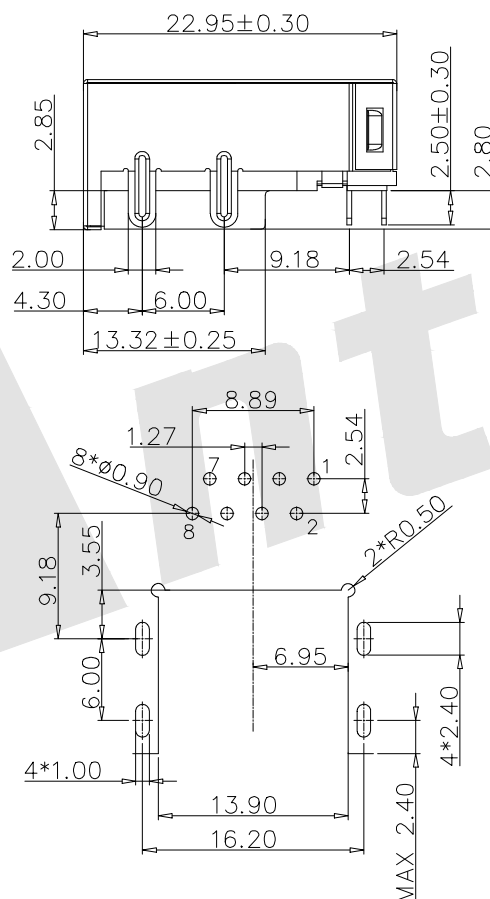
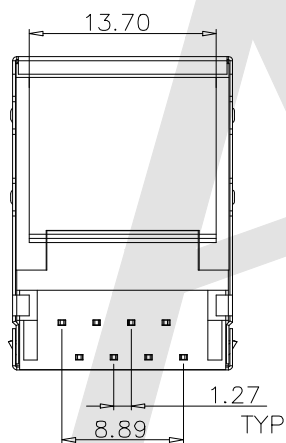
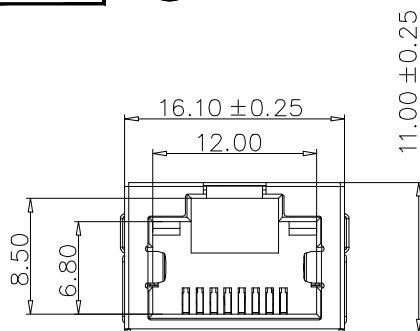


HSF

Recommended PCB
Layout

Specifications:

1. Materials:

Housing: LCP 30%G.F, UL94-0 BLACK

Contacts: Phosphor Bronze T=0.35mm

Shield: Copper Alloy With Nickel Plated

2. Plating:

Contact Area: 30u" Gold In Contact Area

Solder Area: 80u" Matte Tin In Solder Area

Underplating: 30u" Nickel Over All

Order code:

ATRT — 7 — A — X — X — 01 — 001
(1) (2) (3) (4) (5) (6)

(1) Type of product code

7	RJ45 Slim Type
---	----------------

(2) Number of contact ports

A	RJ45 1*1
---	----------

(3) Product dimension definition

A	With LED W/O EMI
G	Without LED without EMI
I	Without LED unshield
J	With LED unshield

(4) Plating product definition

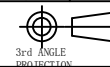
G0	Gold flash
G1	3U" Gold
G2	6U" Gold
G3	10U" Gold
G4	15U" Gold
G5	30U" Gold
SN	Tin

(5) Electrical Schematics: 01

(6) Series number: 001

Unless Otherwise specified tolerance
X. ±0.35 X.XX: ±0.20
X.X: ±0.25 X.XXX: ±0.15

SCALE: UNIT:
As Shown mm
DRAW DATE
Wu Sai 22/03/2018
CHECK DATE
BobYang 22/03/2018



Antenk ANTENK ELECTRONICS CO., LTD
Http://www.antenk.com
E-mail: sales@antenk.com

TITLE:
RJ45 TAB UP CONNECTORS, W/O LED, W/TRANSFORMERS
PRODUCT, 10/100 BASE-T SLIM TYPE

DRAWING NO: ATRT-7-A-X-X-01-001

PRODUCT NO: ATRT-7-A-X-X-01-001

REV

DESCRIPTION

DATE

1

2

3

4

5

6

7

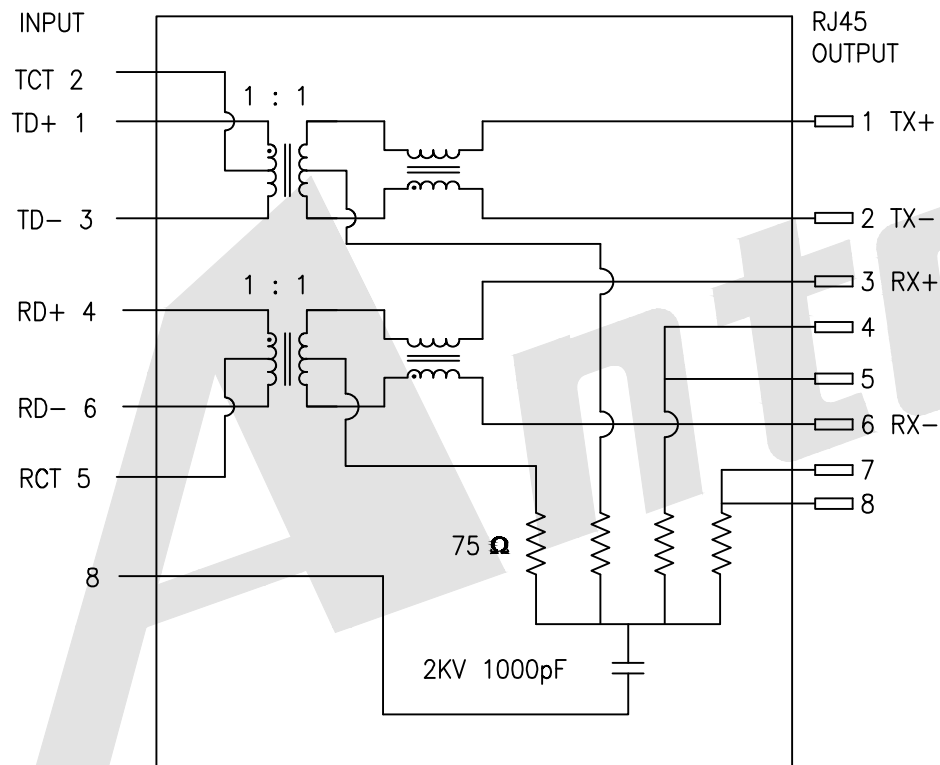
8

HSF



RoHS

Schematic



Shield

Electrical Characteristics:

1. Insertion Loss:

- 1.0dB Maximum At 1MHz To 100MHz
- 1.2dB Maximum At 100MHz To 125MHz

2. Return Loss:

- 18dB Minimum At 1MHz To 30MHz
- 16dB Minimum At 30MHz To 60MHz
- 12dB Minimum At 60MHz To 80MHz
- 10dB Minimum At 80MHz To 100MHz

3. Cross Talk:

- 30dB Minimum At 1MHz To 100MHz

4. CMRR:

- 30dB Minimum At 1MHz To 100MHz

5. Inductance:

- 350uH Min, @1-100KHz 0.1V RMS, DC 8MA BIAS

6. Hipot Test:

- Input To Output: AC 1500V 6 Seconds

Unless Otherwise specified tolerance
X. ± 0.35 X. XX: ± 0.20
X. X: ± 0.25 X. XXX: ± 0.15

SCALE:

As Shown

UNIT:

mm

DRAW

Wu Sai

DATE

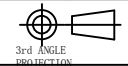
22/03/2018

CHECK

BobYang

DATE

22/03/2018



ANTENK ELECTRONICS CO., LTD

Http://www.antenk.com

E-mail:sales@antenk.com

TITLE:

RJ45 TAB UP CONNECTORS, W/O LED, W/TRANSFORMERS
PRODUCT, 10/100 BASE-T SLIM TYPE

DRAWING NO:

ATRT-7-A-X-X-01-001

PRODUCT NO:

ATRT-7-A-X-X-01-001

REV

DESCRIPTION

DATE