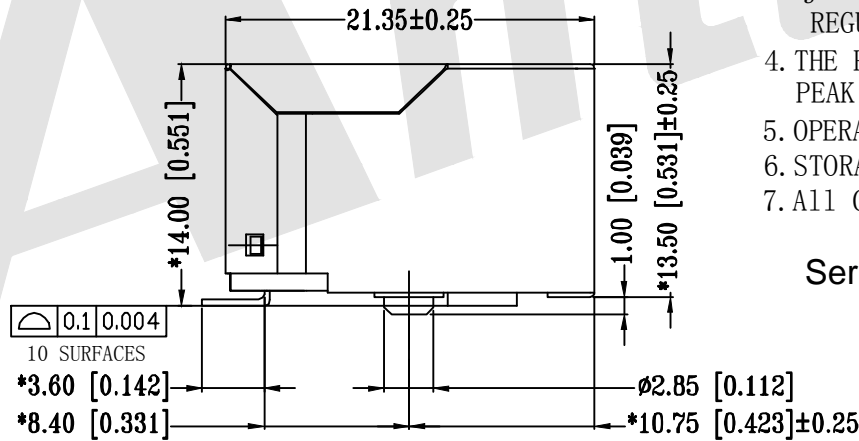
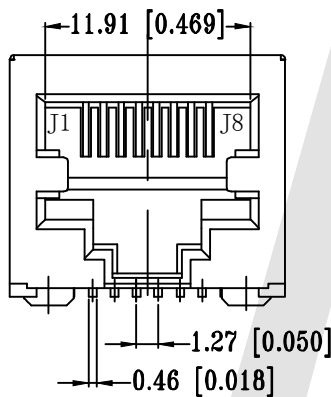
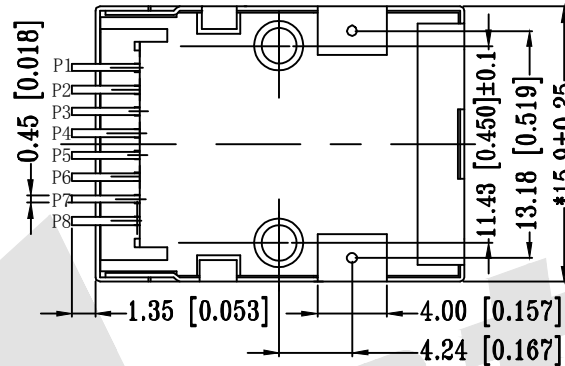


HSF



Unless otherwise specified, all dimensions
tolerances is ± 0.254 / 0.010.



Notes:

- CONNECTOR MATERIAL:
HOUSING: THERMOPLASTIC UL94 V-0
SHIELD: Brass
SHIELD PLATING: NICKEL
CONTACT: COOPER ALLOY
CONTACT PLATING: SELECTIVE GOLD, 15 MICRO-INCHS
MIN IN CONTACT AREA
- PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED
SEE ELECTRICAL DRAWING FOR OMITTED PINS
- RJ45 CAVITIES CONFORM TO FCC RULES AND
REGULATION PART 68.
- THE PART IS RECOMMENDED FOR WAVE SOLDERING PROCESS
PEAK SOLDERING TEMPERATURE IS 260°C MAX, 10 SECS MAX
- OPERATING TEMPERATURE T=0° C TO +70° C.
- STORAGE TEMPERATURE T=-40° C TO +85° C.
- ALL CRITICAL DIMENSIONS WITH "*"

Series number: 002

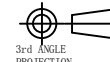
Unless Otherwise specified tolerance
X. ±0.35 X.XX: ±0.20
X.X: ±0.25 X.XXX: ±0.15

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

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

TITLE:
RJ45 ICM(10/100 Base-T 1 Port)

DRAWING NO: ATRT-8-A-XX-002
PRODUCT NO: ATRT-8-A-XX-002



REV	DESCRIPTION	DATE

HSF

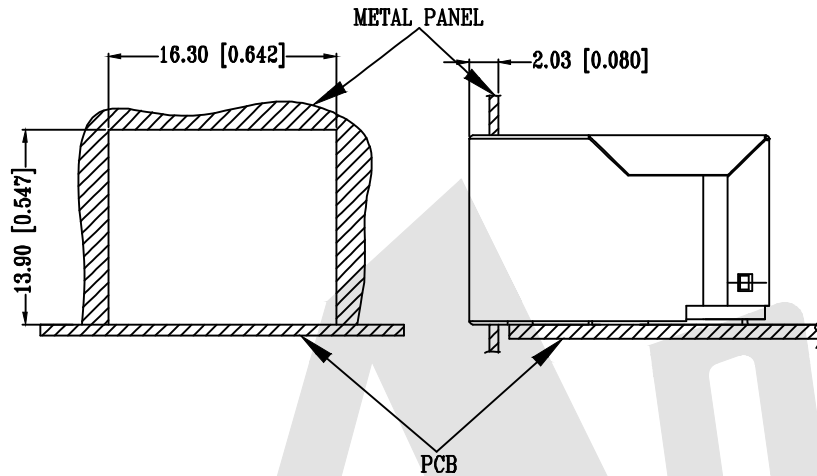


ROHS

UNIT: mm / inch
Tolerances: ±0.10 / 0.004

Order code:

ATRT — 8 — A — X — X — 002
(1) (2) (3) (4) (5)



(1) Type of product code

8 RJ45 SMD TYPE

(2) Number of contact ports

A RJ45 1*1

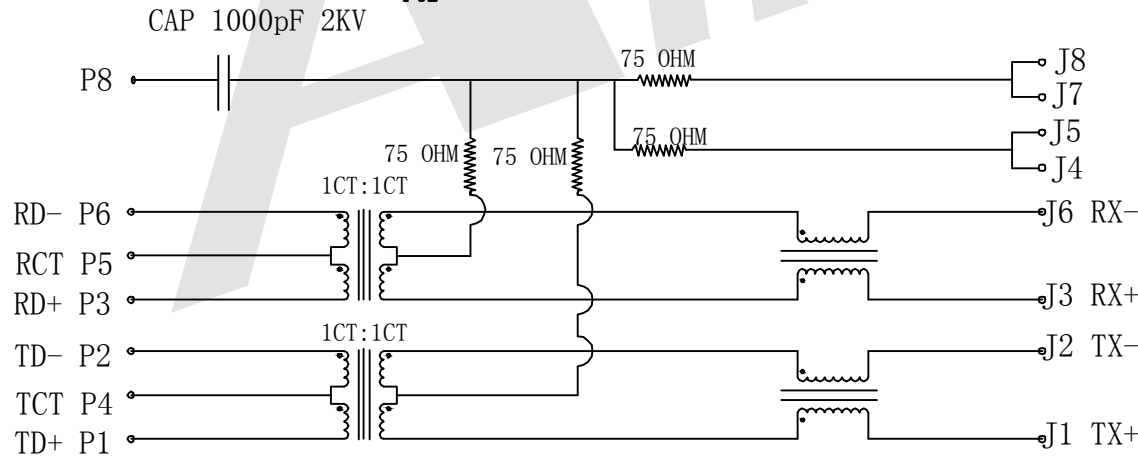
(3) Product dimension definition

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

(4) Plating product definition

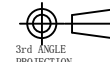
G0	G0ld flash
G1	3U" G0ld
G2	6U" G0ld
G3	10U" G0ld
G4	15U" G0ld
G5	30U" G0ld
SN	Tin

(5) Series number: 002



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
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TITLE: RJ45 ICM(10/100 Base-T 1 Port)

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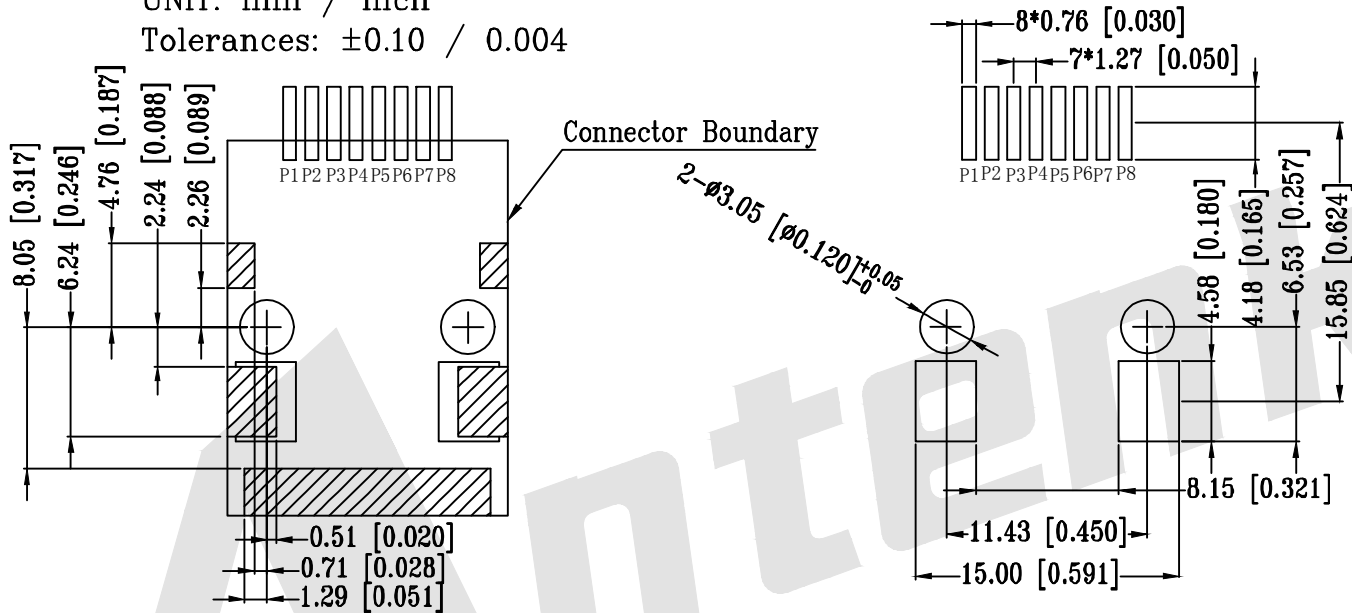
PRODUCT NO: ATRT-8-A-XX-002

REV	DESCRIPTION	DATE

HSF



UNIT: mm / inch
Tolerances: ±0.10 / 0.004



Electronical Specifications:

- 1 Turn Ratio @100KHz: (P1~P2):(J1~J2) = 1:1±5%
(P3~P6):(J3~J6) = 1:1±5%
- 2 Primary Inductance: 350uH MIN @100KHZ,0.1V 8mA DC BIAS
- 3 DC Resistance:(J1~J2):(J3~J6) 1.2 OHMS MAX
- 4 Insertion Loss: 1-100MHz -1.2dB MAX
- 5 Return Loss: 1-30MHz -16dB MIN
30-60MHz -12dB MIN
60-80MHz -10dB MIN
- 6 CROSS TALK: 1-100MHz -30dB MIN
- 7 COMMON TO COMMON MODE ATTENUATION: 1-100MHz -30dB MIN
- 8 Isolation: PHY Side to Line Side: 1500VAC or 2250VDC

Series number: 002

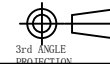
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REV	DESCRIPTION	DATE