



YONGCHENG

SPECIFICATION FOR APPROVAL

DATE: APR 18, 2009

SAMPLE Q'TY 3 PCS

CUSTOMER : ACUWA

CUSTOMER P/N: AM-013

YONGCHENG P/N : YL-4SY032HR

DESCRIPTION : 4 PORT RJ-45 JACK With 10/100 Base-T Magnetics Module

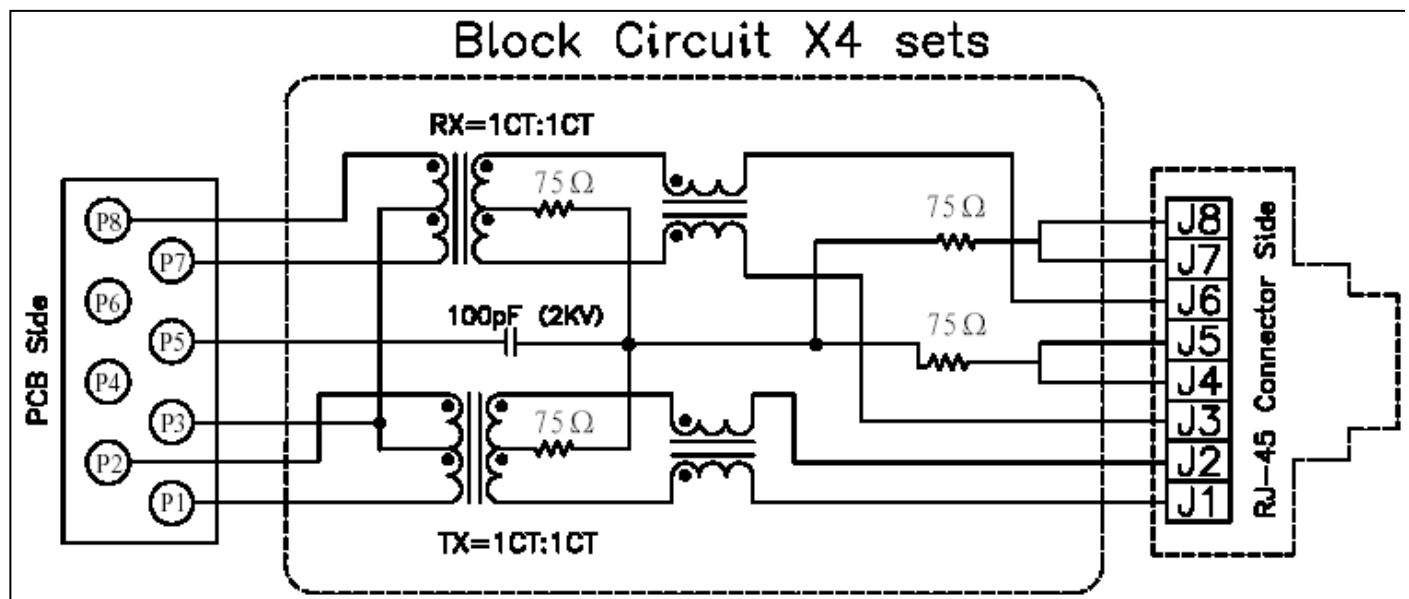
APPROVED SIGNATURES	
YONGCHENG APPROVED SIGNATURES	CUSTOMER APPROVED SIGNATURES
APPROVED BY: LiaoZongCheng	APPROVED BY:
DATE: 2009/04/18	DATE:
APPROVED No. :	APPROVED No. :

(ZUNYI)YONGCHENG ENTERPRISE INC.

LanGongShan,ZunYi City,GuiZhou,China

Tel: 0852-3162322 13087896733 Fax: 0852-3162322 E-mail<lzc0818@163.com>

P/N:YL-4SY032HR DATA SHEET(REFERENCE ACUWA AM-013)



4 PORT RJ-45 JACK WITH 10/100BASE-T MAGNETICS MODULE

10/100 BASE-TX MAGNETICS

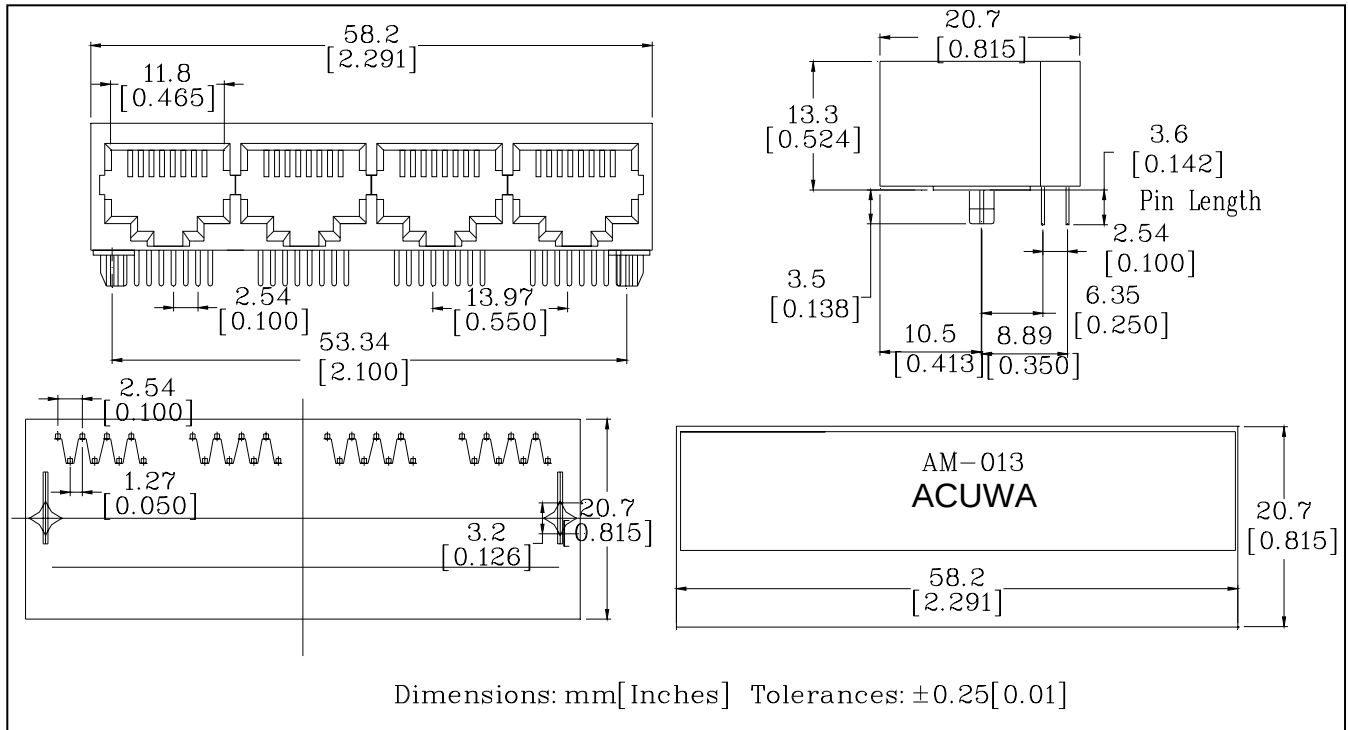
P/N:YL-4SY032HR DATA SHEET(REFERENCE ACUWA AM-013)



YONGCHENG
ELECTRONIC CORP.

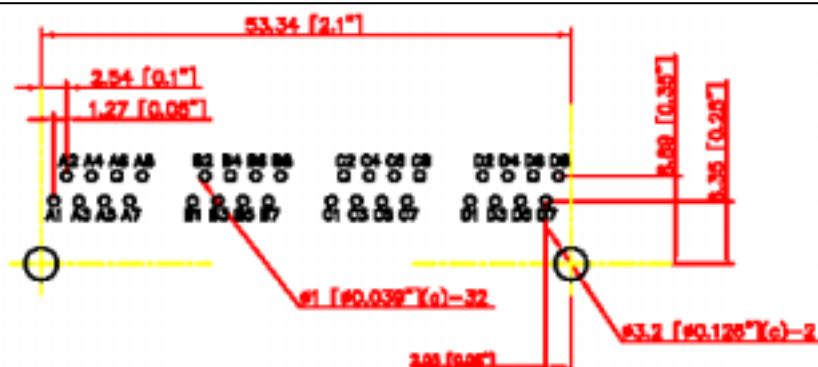
Page : 2/2

Mechanicals



1. Plastic Material : Thermoplastic (UL 94V-0), Black Housing
2. Metal Shield : Brass , 20u inches thick Nickel
3. Spring Wire : 0.45mm Dia. Phosphor bronze with selective gold plating
4. Solder Pin : 0.4x0.4mm, Phosphor bronze with solder Plated
5. Durability : 300 Mating cycles Min.

PCB Layout Mounting Hole (Top View)



1. Plastic Material : PBT/GF30%(UL 94V-0), YELLOW Housing, Melting Temperature is 235°C.
2. Spring Wire : 0.4*0.35m/m Dia. Phosphor Bronze Electroplate 5u*(Min.) Gold Plated
3. Solder Pin : 0.4*0.4m/m, Phosphor Bronze With Solder Plated
4. Durability : 800 Mating Cycles Min.

SAMPLES TEST REPORT



Page :2/6

PART NO.		AM-013		DATE			2009/4/18				
DESCRIPTION		14PORT RJ-45 JACK With 10/100 Base-T Magnetics Module									
ITEM	TEST EQUIPMENTS	TEST CONDITION @ 25	SAMPLES NO. TEST PIN	1	2	3	4	5	SPECIFICATION		
									Min	Typ	Max
OCL (uH MIN)	3250	100KHz/0.1V with 8mA DC BIAS	P1-P2	416	503	525	412	428	350		
			P7-P8	458	491	506	419	448			
Insertion Loss (dB MAX)	8711/8712	0.1-100 MHz	P1-P2 TO J1-J2	0.71	0.63	0.65	0.72	0.77	-1.0		
			P7-P8 TO J3-J6	0.68	0.65	0.72	0.76	0.62			
L/L(uH MAX)	3250	100KHz/0.1V	P1-P2 (short J1-J2)	0.32	0.37	0.33	0.34	0.32	0.4		
			P7-P8 (short J3-J6)	0.33	0.33	0.35	0.36	0.31			
CMRR (dB TYP)	8711/8712	0.1-100MHz	P1-P2 TO J1-J2	PASS	PASS	PASS	PASS	PASS	-40		
			P7-P8 TO J3-J6	PASS	PASS	PASS	PASS	PASS			
HI-POT(Vrms)	GPI-5005T	1500Vrms	PRI/SEC	PASS	PASS	PASS	PASS	PASS	1S		
TURN RATIO (+/-3%)	CA8120A	1MHz/sine wave	P1-P2:J1-J2	PASS	PASS	PASS	PASS	PASS	1CT:1CT		
			P7-P8:J3-J6	PASS	PASS	PASS	PASS	PASS			

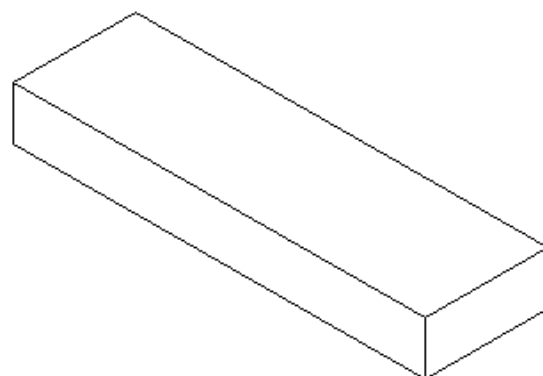
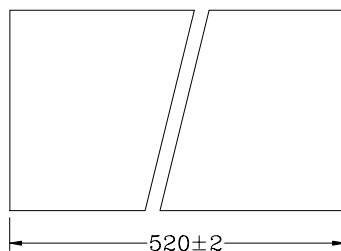
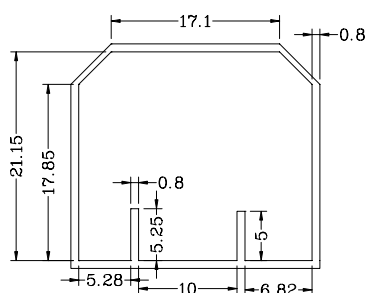


YONGCHENG ELECTRONIC CORP.

SAMPLES PACK SPECIFICATIONS

Page: 5/5

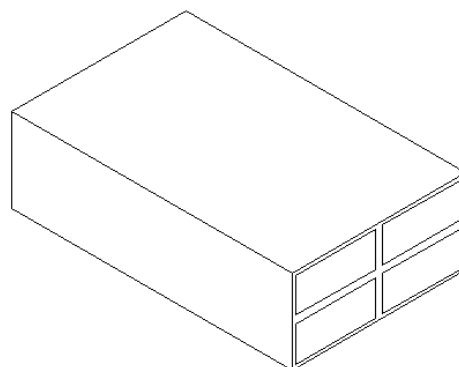
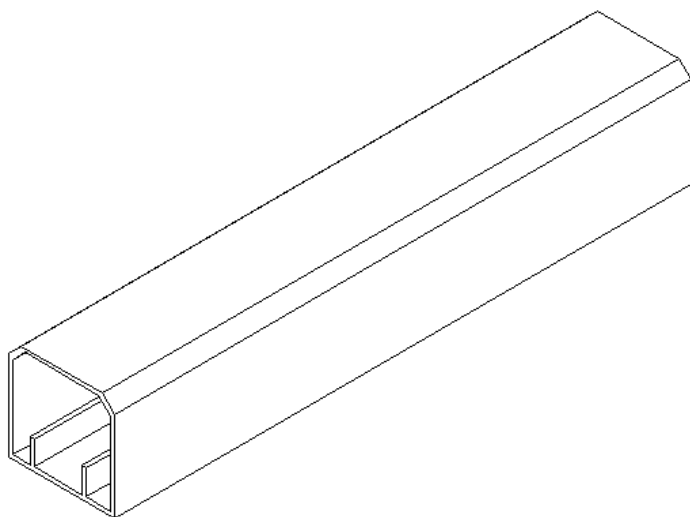
CUSTOMER	ACUWA	CUST P/N.	AM-013
ITEM	TRANSFORMER	DESCRIPTION	YL-4SY032HR
PART NO.	868-00510	DATE	2009/04/18



Units:mm Tolerances: xx.xx0±0.25
x.x0±0.25

TUBE MECHANICAL DIMENSION

INNER CARTON :540*160*70



TUBE =8 PCS

INNER CARTON=18 TUBE=18*8=144 PCS

EXPORT CARTON=4INNER CARON=4*144=576 PCS

EXPORT CAPTON : 560*340*160

REMARK:	APPROVAL	CHECKED	DRAWN BY
	LiaoZongCheng		Qingxiaobin