



YONGCHENG

SPECIFICATION FOR APPROVAL

DATE: 2010-11-21

SAMPLE Q'TY 11 PCS

CUSTOMER : ACUWA

CUSTOMER P/N: AS-112

YONGCHENG P/N : YI-16S09A

DESCRIPTION : ISDN SO MODULE TRANSFORMER

APPROVED SIGNATURES	
YONGCHENG APPROVED SIGNATURES	CUSTOMER APPROVED SIGNATURES
APPROVED BY: LiaoZongCheng	APPROVED BY:
DATE: 2010-11-21	DATE:
APPROVED No. :	APPROVED No. :

YONGCHENG(ZUNYI) ENTERPRISE INC.

LanGongShan,ZunYi City,GuiZhou,China

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ISDN SO MODULE TRANSFORMER

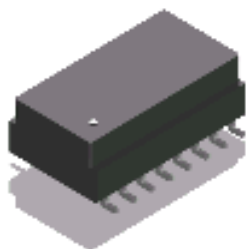
P/N:YI-16S09A DATA SHEET(REFERENCE ACUWA AS-112)



YONGCHENG
ELECTRONIC CORP.

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Feature



- ◆ SMD modules are designed for pick and place compatability
- ◆ Fully ROHS compliant and meets lead free reflow level J-STD-020C
- ◆ COMMON MODECHOKE DCR: 0.4OHM MAX
- ◆ Operating temperature range : -0°C to +70°C.
- ◆ Storage temperature range: -20°C to +85°C.

Electrical Specifications @ 25°C

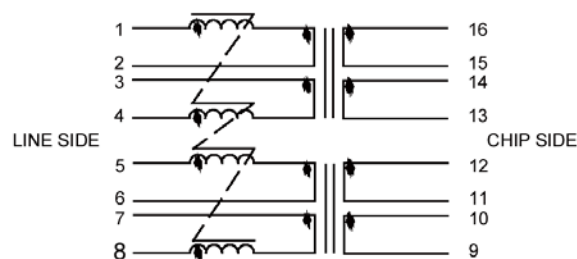
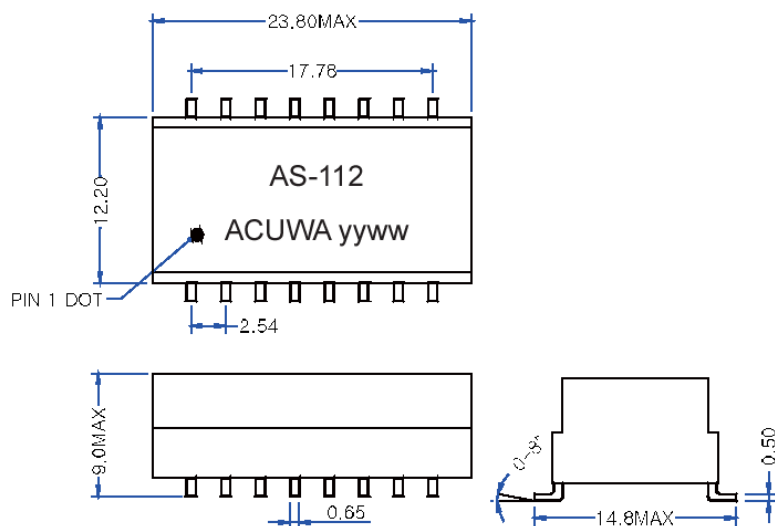
Part Number	Turns Ratio (+/-2%)	Cw/w(pF Max) 100KHz/0.1V	DCR (Ω +/-25%)		HI-POT (Vrms 1mA 2SEC)
		1-6,5-12	1-4(Short2-3)/ 5-8(Short6-7)	16-13(Short14-15)/ 12-9(Short10-11)	
YI-16S09A	1SPLIT: 2SPLIT	100	3.0	5.6	2000

Continue

Part Number	OCL(mH Min) 10KHz/0.1V			Lk(uH Max) 100KHz/0.1V	
	CHOKE	1-4(Short2-3)	5-8(Short6-7)	16-13(Short14,15,1,2,3,4)	12-9(Short11,10,5,6,7,8)
YI-16S09A	0.05	30	30	5	5

Mechanical

Schematic



Approved by.:Liaozongcheng Checked by. :

Prepared by :Liqing

A0(10/11)

Acuwa

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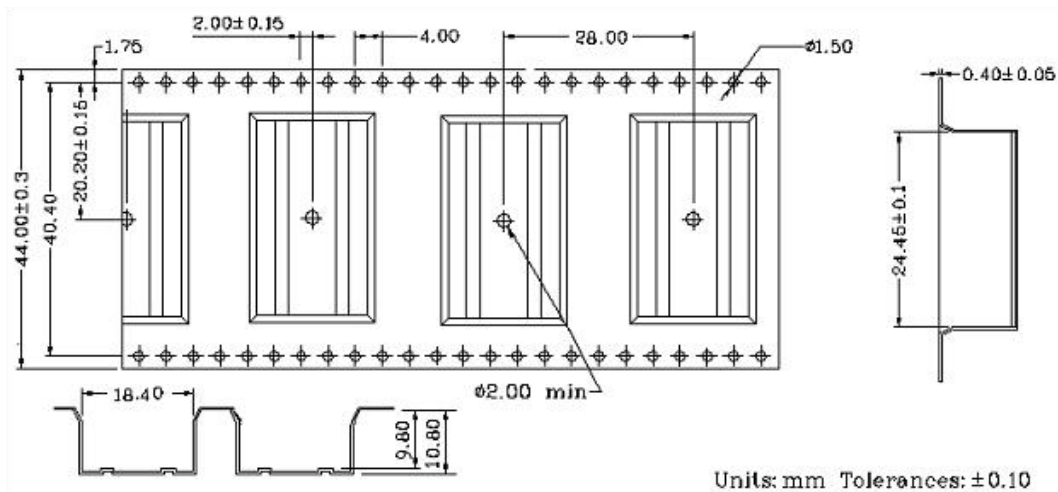
PART NO.		AS-112		DATE			2010/11/20						
DESCRIPTION		ISDN SO MODULE TRANSFORMER											
ITEM	TEST EQUIPMENTS	TEST CONDITION @ 25°C	SAMPLES NO. TEST PIN	1	2	3	4	5	SPECIFICATION				
									Min	Typ	Max		
OCL (mH)	3250	10KHz/0.1V	1-4(Short2-3)	31.2	36.4	32.8	34.1	38.2	30				
			5-8(Short6-7)	36.5	35.8	33.3	37.1	35.6					
			1-16 (Short2-15)	0.08	0.09	0.10	0.09	0.08	0.05				
LL (uH MAX)	3250	100KHz/0.1V	1-4(Short13,14,15,16,2,3,)	3.1	4.2	3.8	3.5	4.1	5				
			5-8(Short12,11,10,9,6,7,)	3.3	3.4	3.9	3.7	3.0					
CW/W (PF MAX)	3250	10KHz/0.1V	1 TO 16	79	82	86	91	95	100				
			12 TO 5	83	82	86	88	96					
DCR (Ω +/-25%)	3250		1-4(Short2-3) 5-8(Short6-7)	2.6	2.7	2.6	2.5	2.8	3.0				
			16-13(Short14,15) 12-9(Short11,10)	4.8	4.9	5.30	4.8	4.9	5.6				
HI-POT(Vrms)	GPI-5005T	2000Vrms	1,2,3,4 TO 16,15,14,13	PASS	PASS	PASS	PASS	PASS	2S				
			5,6,7,8 TO 12,11,10,9	PASS	PASS	PASS	PASS	PASS					
TURN RATIO (+/-2%)	CA8120A	1MHz/sine wave	1-4(Short2-3): 16-13(Short14-15)	PASS	PASS	PASS	PASS	PASS	1:2				
			5-8(Short6-7): 12-9(Short11,10)	PASS	PASS	PASS	PASS	PASS					

REEL W/DIM 24.45(L) ×18.4(W) ×10.8(H)

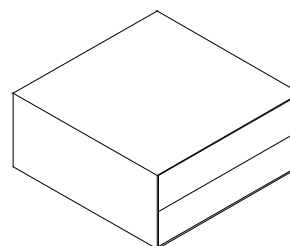
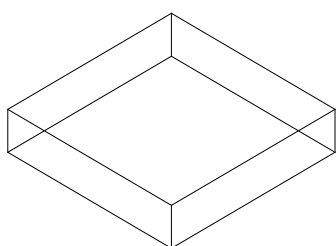


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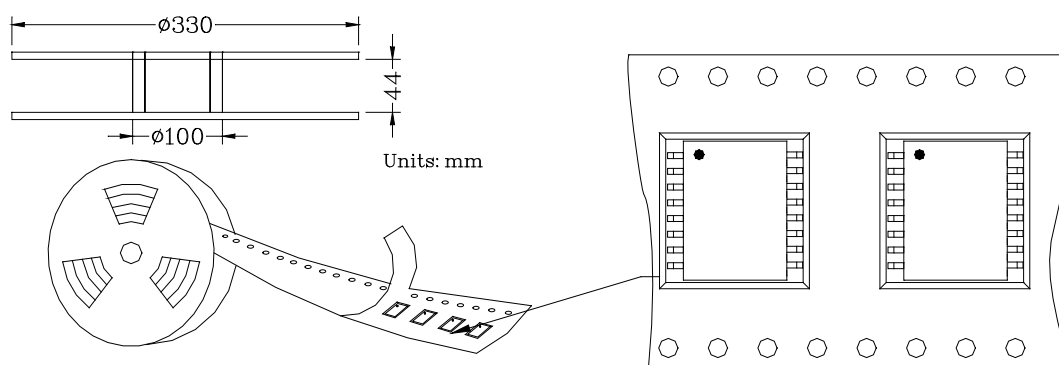


REEL MECHANICAL DIMENSION



INNER CARTON:34(L)×34(W)×7.6(H)

EXPORT CARTON:36(L)×36(W)×15.6(H)



Approved by : 廖宗成

Checked by :

Prepared by : 王伟

REEL W/DIM 24.45(L) ×18.4(W) ×10.8(H)



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1. ONE ROLL : 200PCS
 2. ONE ROLL BOX : 200PCS
 3. TWO BOX CARTON : 400PCS
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Approvedby : 廖宗成

Checked by. :

Prepared by : 王伟