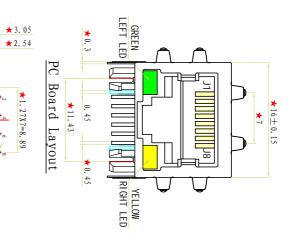
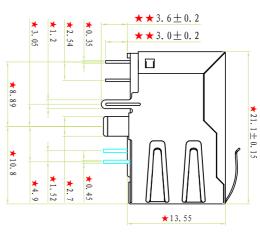
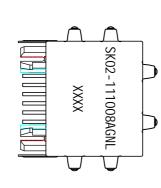
MECHANICAL (产品外观结构)







★4-**Ø**1.02

★2-**Ø**1. 6 $\star 2-\phi 3.2$

 $\star 8-\phi 0.9$

ORDER INFORMATION:

 $\frac{SK02}{A} - \frac{11}{B} \frac{1}{C} \frac{008AG}{D} \frac{NL}{E} - \frac{(Y/N)}{F}$

A: IT STANDS FORI THE RJ45 DESIGNER:SUCH AS SK OR OTHER,010R02 STANDS FOR AS FOLLOWIG 01=TAB UP, 02=TAB DOWN.

B: THE PARTS ARE SINGLE OR MULTI-PORTS: SUCH AS SK01-11XXXX , IT MEANS 1X1 SINGLE PORT, SK01-21XXXX,MEANS 2X1 OR 1X2,IT IS A DUAL PORTS RJ45 FILTERED CONNECTOR: "G" THE MEAN IS 1000BASE REQUIREMENT

C: TELLS IT IS A LEDS VERSION OR NOT, "I" MEANS WITH LEDS, "0" OR ELSE IS WITHOUT LEDS D: IT STANDS FOR THE PARTS 'S SERIES NO.

F: CONTACT PLATING CODE: NORMAL TYPE IS NO MARK, IT STANDS THANDS THE CONTACT AREA OF E: NL=ROHS COMPLAINT CONTAC PIN IS 6U" GOID PIATNG. MORE THAN 6U" NEED MARK 15 OR 30 OR 50. ETC

REV.	DESCRIPTION	ECN NO.	DATE
Α	FIRST RELEASE		2012.11.05



GENERAL SPCEFICATION

DESCRIPTION

◆10/100 BASE-TX RJ45 1*1 TAB-DOWN WITH LEDS INTEGRATED MAGNETICS CONNECTOR ICM

FEATURES AND BENEFITS

- ◆ROHS PEAK WAVE SOLDER TEMPERATURE RATING 260° C.
- ◆RJ45 1*1 8-PIN WITH INTERNAL MAGNETIC;
- ◆ INTERNAL MANETICS: 100%ELECTRONICALLY TESTED FOR HI POT AND lacktriangle SUITABLE FOR CAT5 AND CAT6 FAST ETHERNET CABLE OR BETTER UTP.

ELECTRICAL PERFORMANCE SUMMARY

FUNCTIONALITY.

- ◆MEETS IEEE802. 3 SPECIFICATION AND 350uH MINIMUM OCL WITH 8mA BIAS CURRENT.
- ◆HIGH PERFORMANCE FOR MAXIMUM EMI SUPPRESSION,

TEMPERATURE PERFOMANCE

- ◆STORAGE TEMPERATURE RANGE: -25° C TO +85°
- ◆ STORAGE TEMPERATURE RANGE: -25° C TO +85° C.
 ◆ OPERATION TEMPERATURE RANGE: 0° C TO +70° C.

MATERIAL SPECIFICATION

★8.89

★4.9

★1.52

★12.65 **★**11.43

★15.75

- ◆ SHIELD: BRASS, 0. 2mm THICKNESS WITH NICKEL PLATED
- ◆HOUSING: PBT (30% GLASS FIBER, UL94V-0)。
- ◆SOLDERING MATERIAL: 99. 3%Sn 0. 3%Cu.

◆ CONTACT: PHOSPHOR BRONZE, 0.35mm THICKNESS, HARD GOLD PLATED OVER

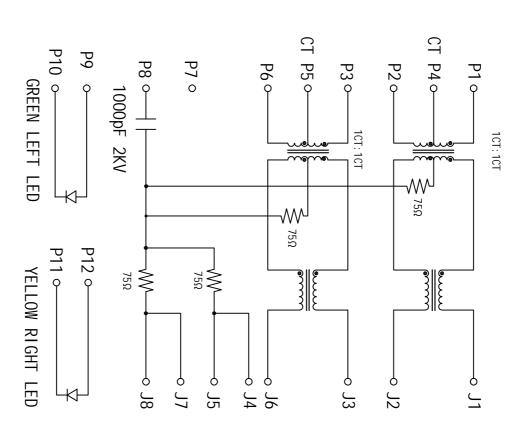
 $< 3 \mu$ "IN TIN GOLD PLATING:

TO H TINCH	15 "INCH]	< 3 μ " INCH □	-
or h TIVIII	20 " TNCH	3 μ "INCH \square	VG.
JOH TIVELL	SO "INCH]	6μ"INCH 🖾	
4~16	0 ~ 4	dimension	TOL
0.\08	A 05	/ A	OLERANCE RATE
0.15	0.10	В	ATE
	~		

TOL	TOLERANCE F	RATE	
dimension	/ A	В	\ c
$0 \sim 4$	A 05	0.10	A 20
4~16	0.\08	0.15	0.\30
16~64	0.12	0.25	0.50
$64 \sim 250$	0.25	0.40	0.80

		APPROVED	CHECK	DRAWING	SIGNATURE	
		SkyGuo	Li Zi Biao	LongZou	TURE	ELECT
		2012.11.05	2012.11.05	2012.11.05	DATE	ELECTRONICS CO.,LTD
1	9	Total	1	Ċ	Page	LTD
	REV: A			<u>~</u>	PART NO:	TITLE TAB-
CDIIK 02201	CSAK-02201	DWG NO:		SK02-111008AGNL		TITLE: 10/100 BASE-TX 1*1 TAB-DOWN RJ45 WITH LED

ELECTRONICAL (产品电子原理图)



ORDER INFORMATION: $\frac{SK02}{A} - \frac{11}{B} \frac{1}{C} \frac{008AG}{D} \frac{NL}{E} - \frac{(Y/N)}{F}$

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		Α	REV.
		FIRST RELEASE	DESCRIPTION
			ECN NO.
		2012.11.05	DATE



ELECTRICAL SPECIFICATIONS

◆ ALL TEST CONDITIONS@25°C UNLESS OTHERWISE NOTED.

◆ TURN RATIO:

TX, SECONDARY: PRIMARY= 1CT: 1CT ± 3%.

RX, SECONDARY: PRIMARY= 1CT: 1CT ± 3%

◆ OCL: 350uH MIN, 8mA DC BIAS CURRENT.

◆ INSERTION LOSS: 1-100MHZ-1.0dB MAX.

◆ RETURN LOSS: 1MHZ TO 10MHZ : -18dB MIN

10MHZ TO 30MHZ : -16dB MIN

30MHZ TO 60MHZ : -14dB MIN.

80MHZ TO 100MHZ 60MHZ TO 80MHZ -10dB MIN : -12dB MIN.

1MHZ TO 100MHZ -35dB MIN

◆ CROSSTALK:

◆ COMMON MODE REJECTION: 1-100MHZ : -35dB MIN

◆HIPOT: 1500V AC 1mA 1S

 \blacktriangleright CAPACITOR: 1000pF \pm 25% 2KV

ightharpoonup RESISTANCE: 750HMS $\pm 20\%$.

◆RESISTANCE OF COIL: 1.80HMS MAX, 0.250HMS MIN

◆LEFT LED COLOR: GREEN; RIGHT LED COLOR: YELLOW

	₹® ELECT	ELECTRONICS CO.,LTD	LTD	TITLE TAB-	TITLE: 10/100 BASE-TX 1*1 TAB-DOWN RJ45 WITH LED
SIGN,	SIGNATURE	DATE	Раре	PART NO:	
DRAWING	LongZou	2012.11.05	9	Š	SK02-111008AGNI
CHECK	Li Zi Biao	2012.11.05	2	9	
APPROVED	SkyGuo	2012.11.05	H 0 + 2 - 1		DWG NO:
			9	REV: A	CSAK-02201
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