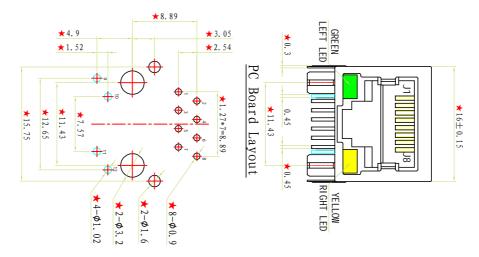
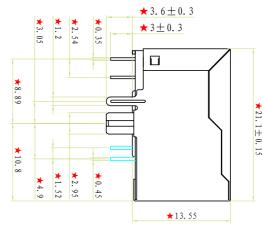
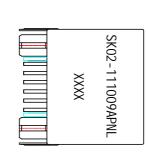
MECHANICAL (产品外观结构)







ORDER INFORMATION:

 $\frac{SK02}{A} \cdot \frac{11}{B} \cdot \frac{1}{C} \cdot \frac{009AP}{D} \cdot \frac{NL}{E} \cdot \frac{(Y/N)}{F}$

A: IT STANDS FOR THE DIFFERENt RJ45 DESIGNING OF COMPANY , SUCH AS "SK" STANDS FOR COMPANY BUT "XX" STANDS FOR THE SERIES NUMBER OF DIFFERENT PRODUCTS.

B: THE PARTS ARE SINGLE OR MULTI-PORTS: SUCH AS SK01-11XXXXX , 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, "1" MEANS WITH LEDS, "0" OR ELSE IS WITHOUT LEDS D: IT STANDS FOR THE PARTS 'S SERIES NO.

E: NL=ROHS COMPLAINT

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

REV.	DESCRIPTION	ECN NO.	DATE
A	FIRST RELEASE		2013.05.31



GENERAL SPECIFICATION

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;
- SUITABLE FOR CATS AND CAT6 FAST ETHERNET CABLE OR BETTER UTP.
- FUNCTIONALITY. ▼INTERNAL MANETICS: 100%ELECTRONICALLY TESTED FOR HI POT AND
- ◆ IN ACCORDING WITH FCC PART 68

ELECTRICAL PERFORMANCE SUMMARY

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

MATERIAL SPECIFICATION

- ♦SHIELD: BRASS, 0.2mm THICKNESS WITH NICKEL PLATED
- ullet HOUSING: PBT (30% GLASS FIBER, UL94V-0).
- ►SOLDERING MATERIAL: 99. 3%Sn0. 3%Cu,
- ◆ CONTACT: PHOSPHOR BRONZE, 0. 35mm THICKNESS, HARD GOLD PLATED OVER $< 3 \mu$ "INCH TIN GOLD PLATING: 3 μ "INCH □ 6μ 50μ

15 μ "INCH□

30 µ "INCH□

"INCH E		O OS O	ATE B 0. 10	C C
	0~4	A 05	0.10	20
	4~16	0. \08	0.15	0.30
η INCΠ	16~64	0.12	0.25	0.50
	$64 \sim 250$	0.25	0.40	0.80



TITLE: 10/100 BASE-TX 1*1 TAB-DOWN RJ45 WITH LED

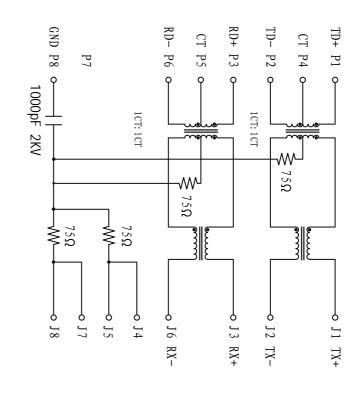
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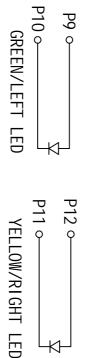
1H019

APPR(CHECK

DRAW]

ELECTRONICAL (产品电子原理图)





ORDER INFORMATION

$$\frac{SK02}{A} - \frac{11}{B} \cdot \frac{1}{C} \cdot \frac{009AP}{D} \cdot \frac{NL}{E} - \frac{(Y/N)}{F}$$

A: IT STANDS FOR THE DIFFERENt RJ45 DESIGNING OF COMPANY , SUCH AS "SK" STANDS FOR COMPANY BUT "XX" STANDS FOR THE SERIES NUMBER OF DIFFERENT PRODUCTS.

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C: TELLS IT IS A LEDS VERSION OR NOT, "1" 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 CONTAC PIN IS 60% 601D PIATMS. MORE THAN 60% NEED MARK 15 OR 30 OR 50. ETC. E: NL=ROHS COMPLAINT

REV.	DESCRIPTION	ECN NO.	DATE
Α	FIRST RELEASE		2013. 05. 31



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

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

ullet HIPOT: 1500V AC 1mA 1S

ightharpoonup CAPACITOR: $1000 pF \pm 25\%$ 2KV

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

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

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

		APPROVED	CHECK	DRAWING	SIGNATURE	CSAK® E
		SkyGuo	Luo Chao	He Qiao	URE	K® ELECT
		2013.05.31	2013.05.31	2013.05.31	DATE	ELECTRONICS CO.,LTD
9		Total	2	9	Раде	LTD
Α		REV DWG NO:	9	<u>~</u>	PART NO:	TITLE TAB-
CDAN 02111017	CSAV=021H010	DWG NO:		SK02-111009APNI		TITLE: 10/100 BASE-TX 1*1 TAB-DOWN RJ45 WITH LED