

RJ45 10/100 Base-T Jack with Magnetic Module

ARJ11B

RoHS
Compliant



16.26 x 13.84 x 21.59mm

FEATURES:

- Excellent EMI suppression
- Meet IEEE 802.3 standards and FCC mechanical requirements
- Low Cost, RoHS Compliant Reflow-able device

APPLICATIONS:

- LAN-on-Motherboard (LOM)
- SOHO (ADSL modems), Hubs.
- Suitable for CAT 5 & 6 Fast Ethernet Cable or better UTP

STANDARD SPECIFICATIONS:

Operating Temperature: - 0°C to + 85°C
Storage Temperature: - 40°C to +85°C

Part Number	Turns Ratio $\pm 5\%$		EMI Fingers	LED (L/R)	Insertion Loss (dB max)
	TX	RX			0.3-100 MHz
ARJ11B-MASAA-MU2 to ARJ11B-MASAI-MU2	1CT:1CT	1CT:1CT	YES	---	-1
ARJ11B-MASAJ-MU2 to ARJ11B-MASAM-MU2	1CT:1CT	1CT:1CT	YES	---	-1
ARJ11B-MASAN-LU2 to ARJ11B-MASBF-LU2	1CT:1	1CT:1CT	YES	---	-1
ARJ11B-MESCB-A-B-ELT2	1CT:1	1CT:1	NO	G/Y	-1
ARJ11B-MASCB-LT2	1CT:1	1CT:1	YES	---	-1
ARJ11B-MBSCB-A-B-ELT2	1CT:1	1CT:1	YES	G/Y	-1
ARJ11B-MDSBQ-MU2	1CT:1CT	1CT:1CT	NO	---	-1
ARJ11B-MESBQ-A-B-EMU2	1CT:1CT	1CT:1CT	NO	G/Y	-1
ARJ11B-MASBQ-MU2	1CT:1CT	1CT:1CT	YES	---	-1
ARJ11B-MBSBQ-A-B-EMU2	1CT:1CT	1CT:1CT	YES	G/Y	-1
ARJ11B-MFSBQ-A-A-EMU2	1CT:1CT	1CT:1CT	YES	G/G	-1
ARJ11B-MASAJ-MU2	1CT:1CT	1CT:1CT	YES	---	-1
ARJ11B-MASBR-QU2	1CT:1.414CT	1CT:1CT	YES	---	-1
ARJ11B-MFSBR-A-A-EQU2	1CT:1.414CT	1CT:1CT	YES	G/G	-1
ARJ11B-MDSAO-LU2	1CT:1	1CT:1CT	NO	---	-1
ARJ11B-MESAO-A-B-ELU2	1CT:1	1CT:1CT	NO	G/Y	-1
ARJ11B-MESAO-A-A-ELU2	1CT:1	1CT:1CT	NO	G/G	-1
ARJ11B-MASAO-LU2	1CT:1	1CT:1CT	YES	---	-1
ARJ11B-MBSAO-A-B-ELU2	1CT:1	1CT:1CT	YES	G/Y	-1
ARJ11B-MFSAO-A-A-ELU2	1CT:1	1CT:1CT	YES	G/G	-1
ARJ11B-MFSAO-BA-A-GLU2	1CT:1	1CT:1CT	YES	YG/G	-1
ARJ11B-MBSAP-A-B-ELU2	1CT:1	1CT:1CT	YES	G/Y	-1
ARJ11B-MASAC-MU2	1CT:1CT	1CT:1CT	YES	---	-1
ARJ11B-MASAD-OW2	1CT:1.41CT	1CT:1.41CT	YES	---	---
ARJ11B-MBSAI-A-B-EMU2	1CT:1CT	1CT:1CT	YES	G/Y	-1
ARJ11B-MASCC-MU2	1CT:1CT	1CT:1CT	YES	---	-1
ARJ11B-MESBW-B-A-EMU2	1CT:1CT	1CT:1CT	NO	Y/G	-1



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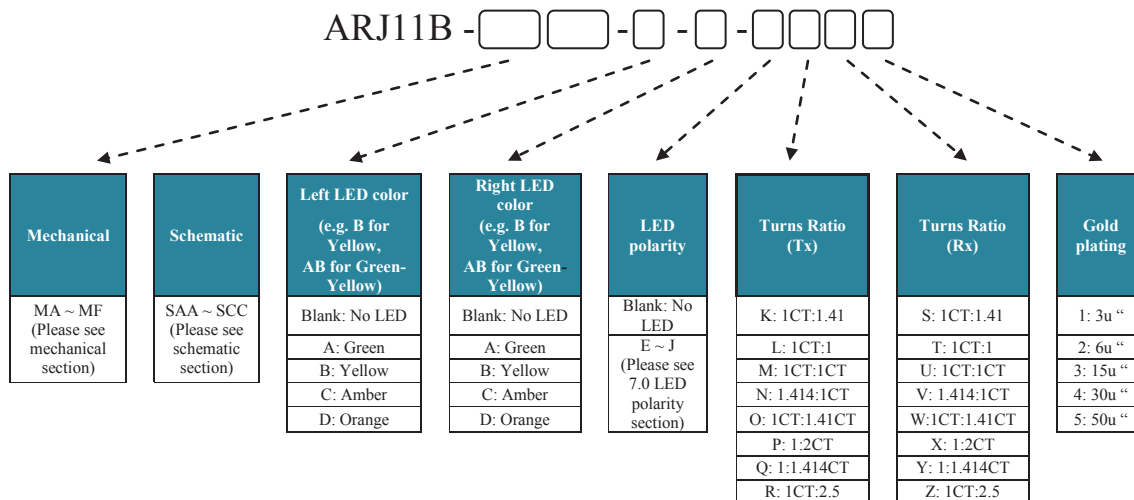
16.26 x 13.84 x 21.59mm

STANDARD SPECIFICATIONS: 25°C (contd)

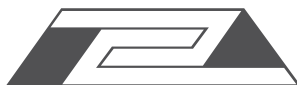
Part Number	Return Loss (dB min @ 100Ω±15Ω)				Crosstalk (dB min)			Common Mode Rejection (dB min)			Hipot (Vrms)
	1- 30 MHz	40 MHz	50 MHz	60-80 MHz	30 MHz	60 MHz	100 MHz	30 MHz	60 MHz	100 MHz	
ARJ11B-MASAA-MU2 to ARJ11B-MASAI-MU2	-18	-16	-14	-12	-45	-40	-35	-35	-30	-25	1500
ARJ11B-MASAJ-MU2 to ARJ11B-MASAM-MU2	-18	-16	-14	-12	-45	-40	-35	-35	-30	-25	1500
ARJ11B-MASAN-LU2 to ARJ11B-MASBF-LU2	-18	-16	-14	-12	-45	-40	-35	-35	-30	-25	1500
ARJ11B-MESCB-A-B-ELT2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASCB-LT2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MBSCB-A-B-ELT2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MDSBQ-MU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MESBQ-A-B-EMU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASBQ-MU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MBSBQ-A-B-EMU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MFSBQ-A-A-EMU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASAJ-MU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASBR-QU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MFSBR-A-A-EQU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MDSAO-LU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MESAO-A-B-ELU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MESAO-A-A-ELU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASAO-LU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MBSAO-A-B-ELU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MFSAO-A-A-ELU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MFSAO-BA-A-GLU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MBSAP-A-B-ELU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASAC-MU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASAD-OW2	--	--	--	--	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MBSAI-A-B-EMU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MASCC-MU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500
ARJ11B-MESBW-B-A-EMU2	-18	-16	-12	-10	-40	-35	-30	-30	-20	-20	1500

Contact Abracon for more custom configurations. See options to build a custom configuration.

OPTIONS & PART IDENTIFICATION:



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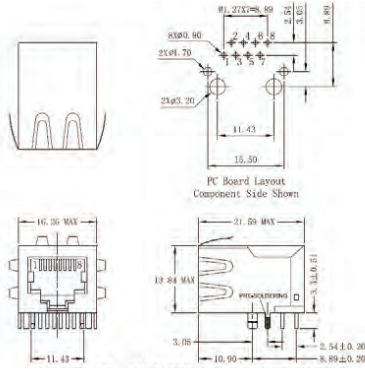
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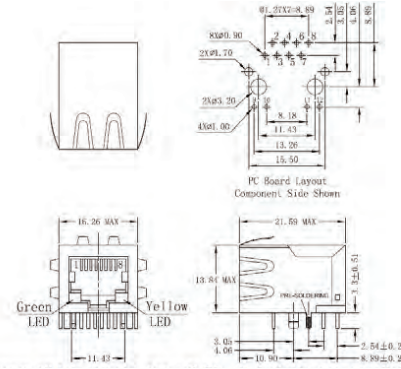
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OUTLINE DRAWING:

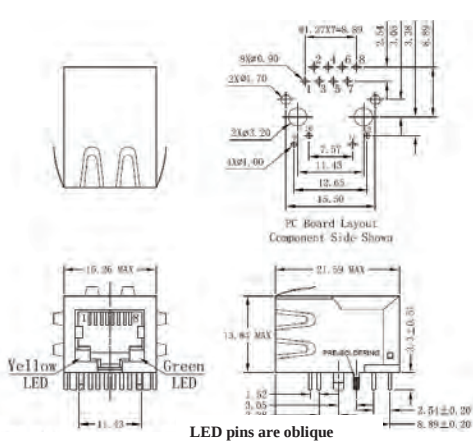
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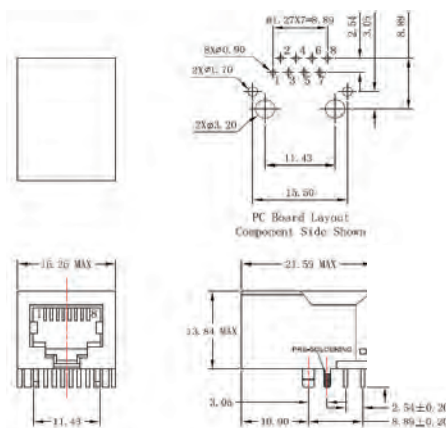
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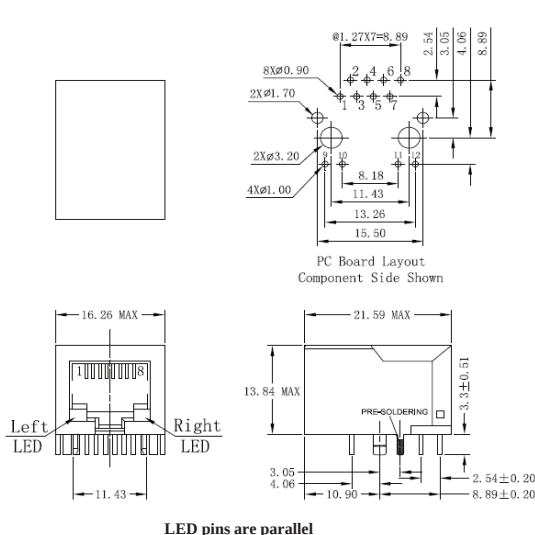
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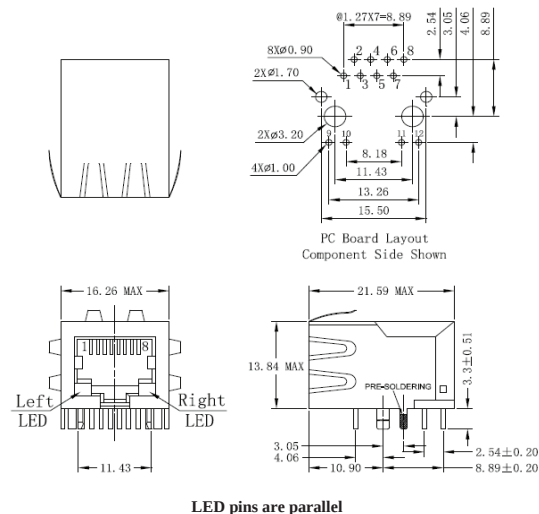
MD



ME



MF



Dimensions: mm (Unless otherwise specified, tolerances are ± 0.25 mm)

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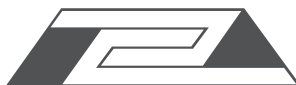
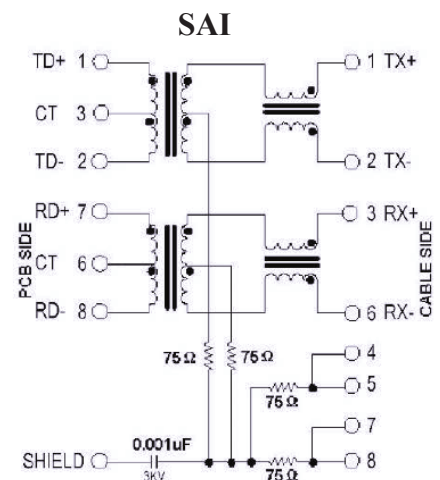
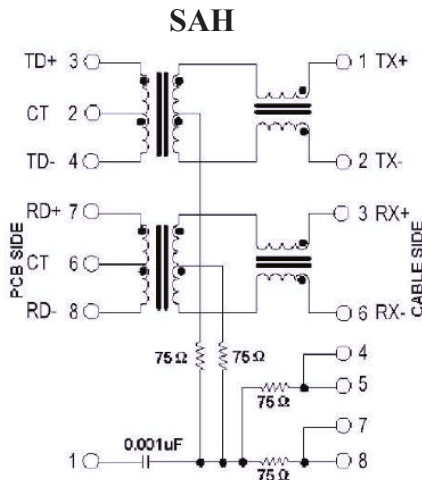
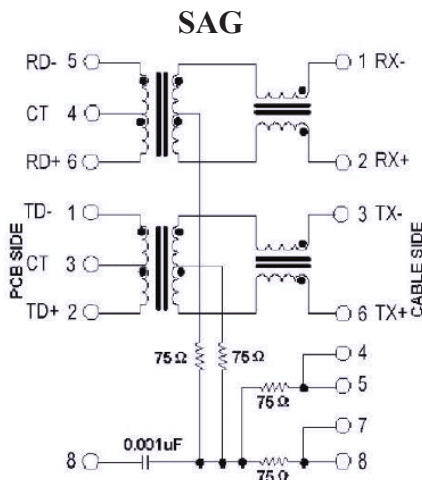
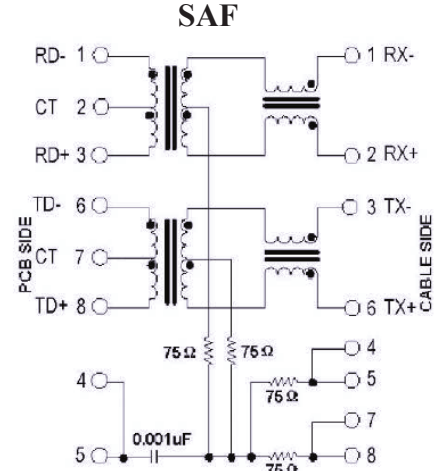
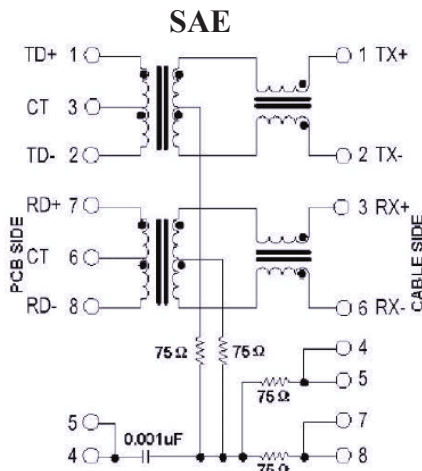
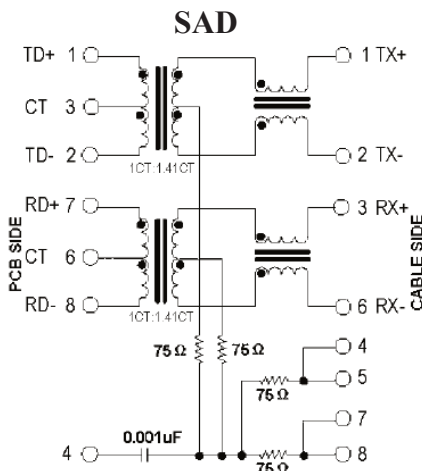
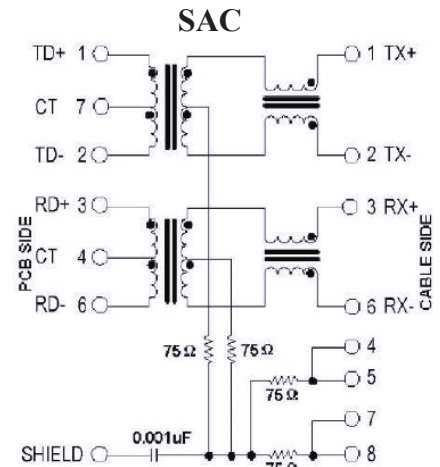
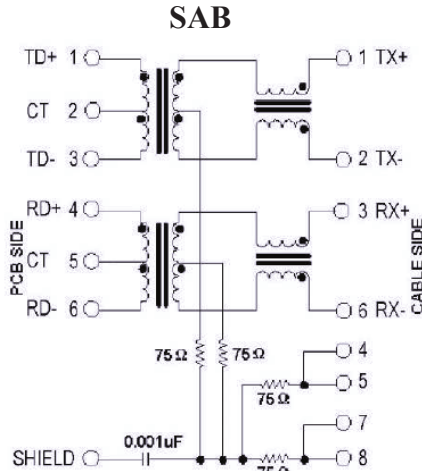
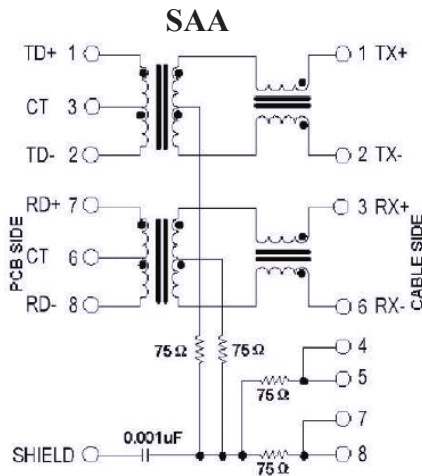
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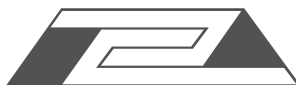
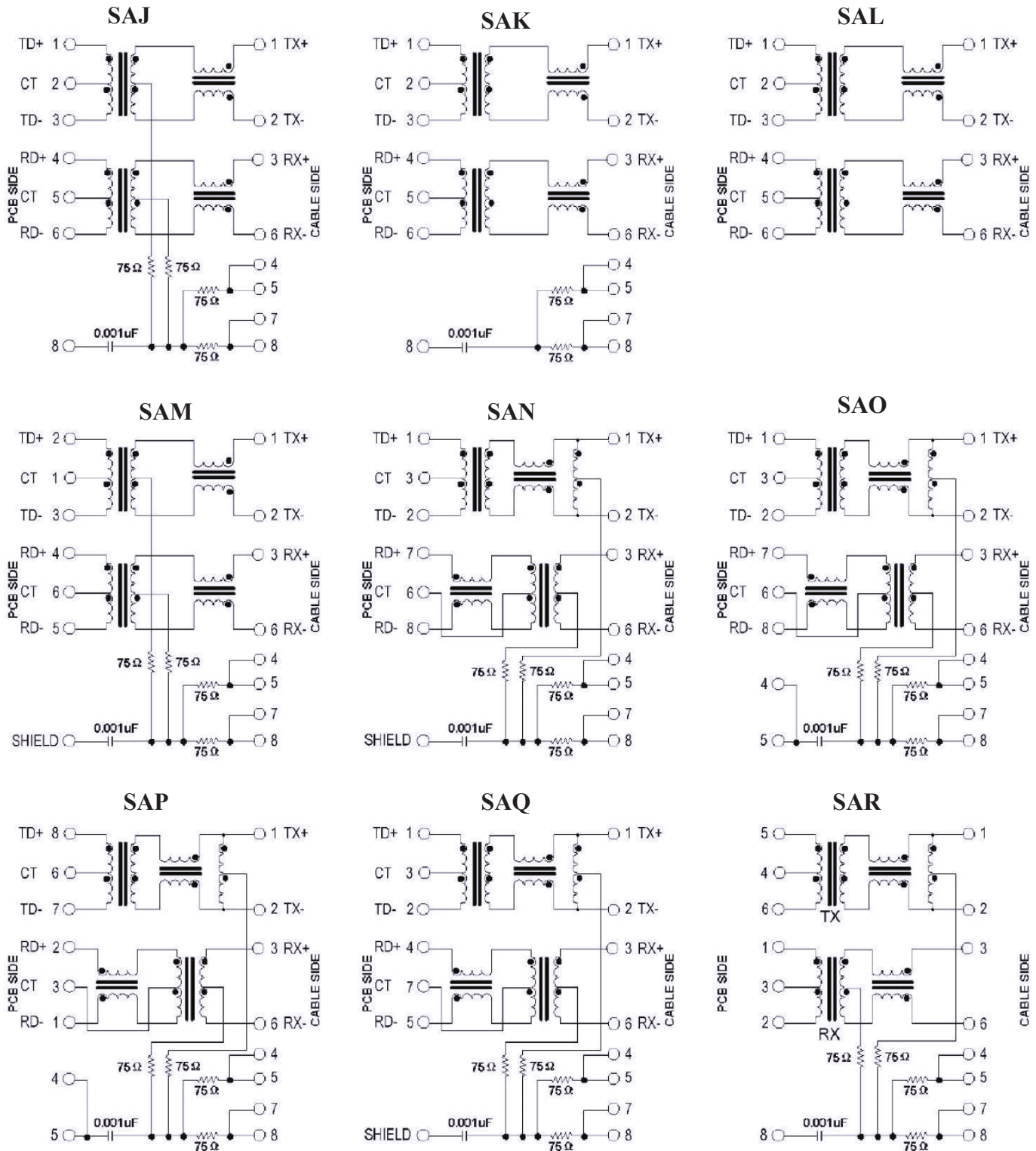
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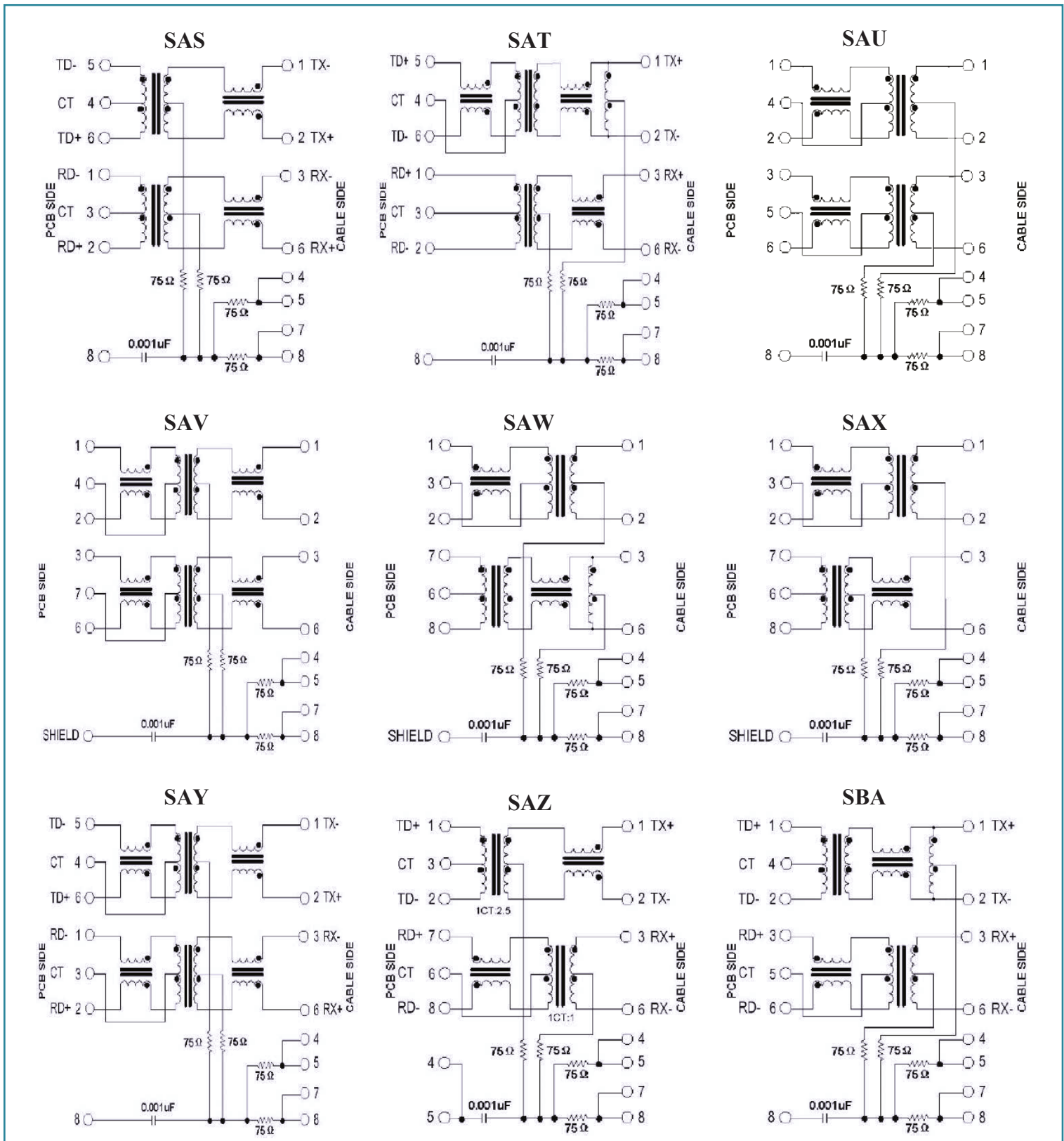
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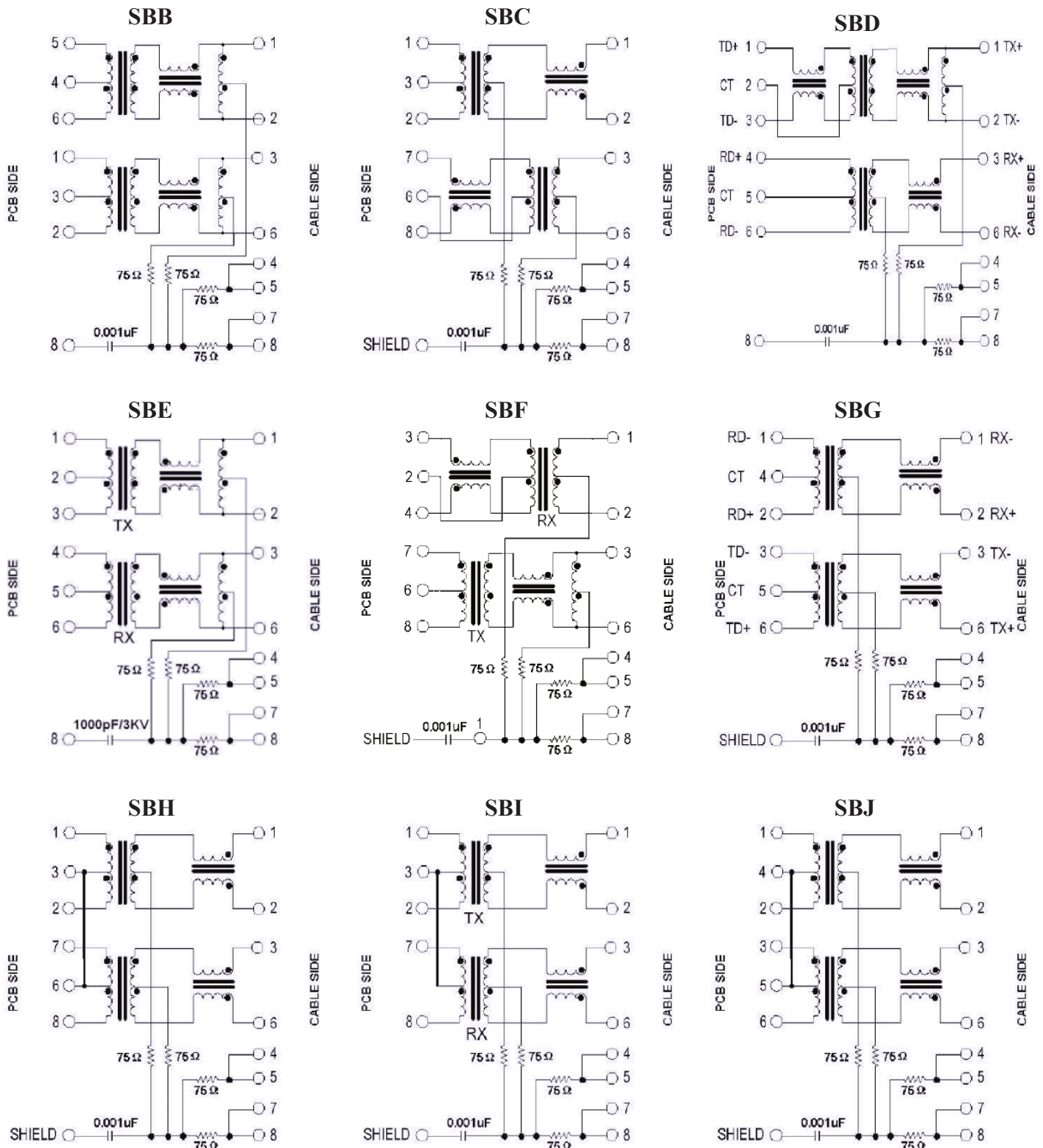
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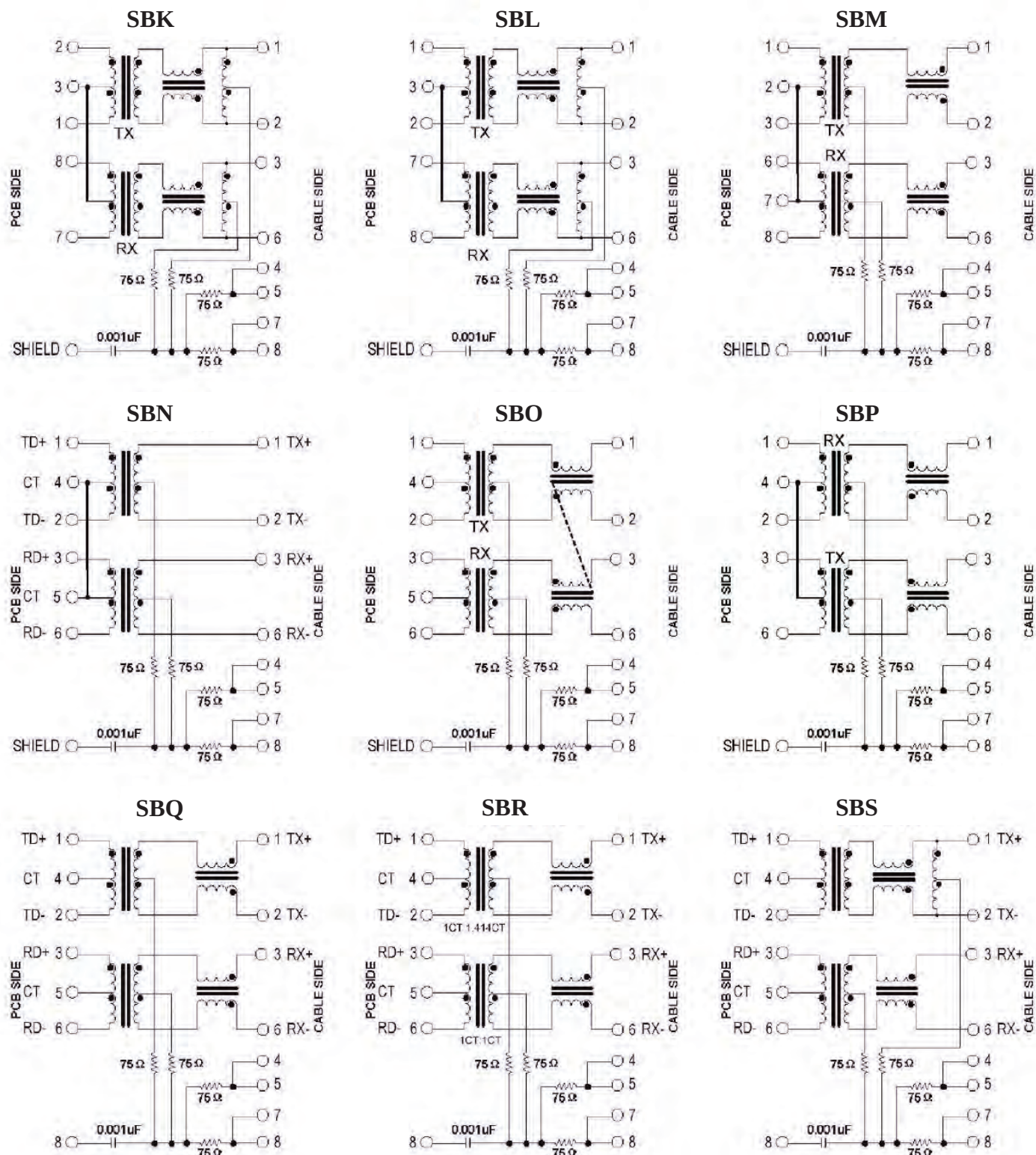
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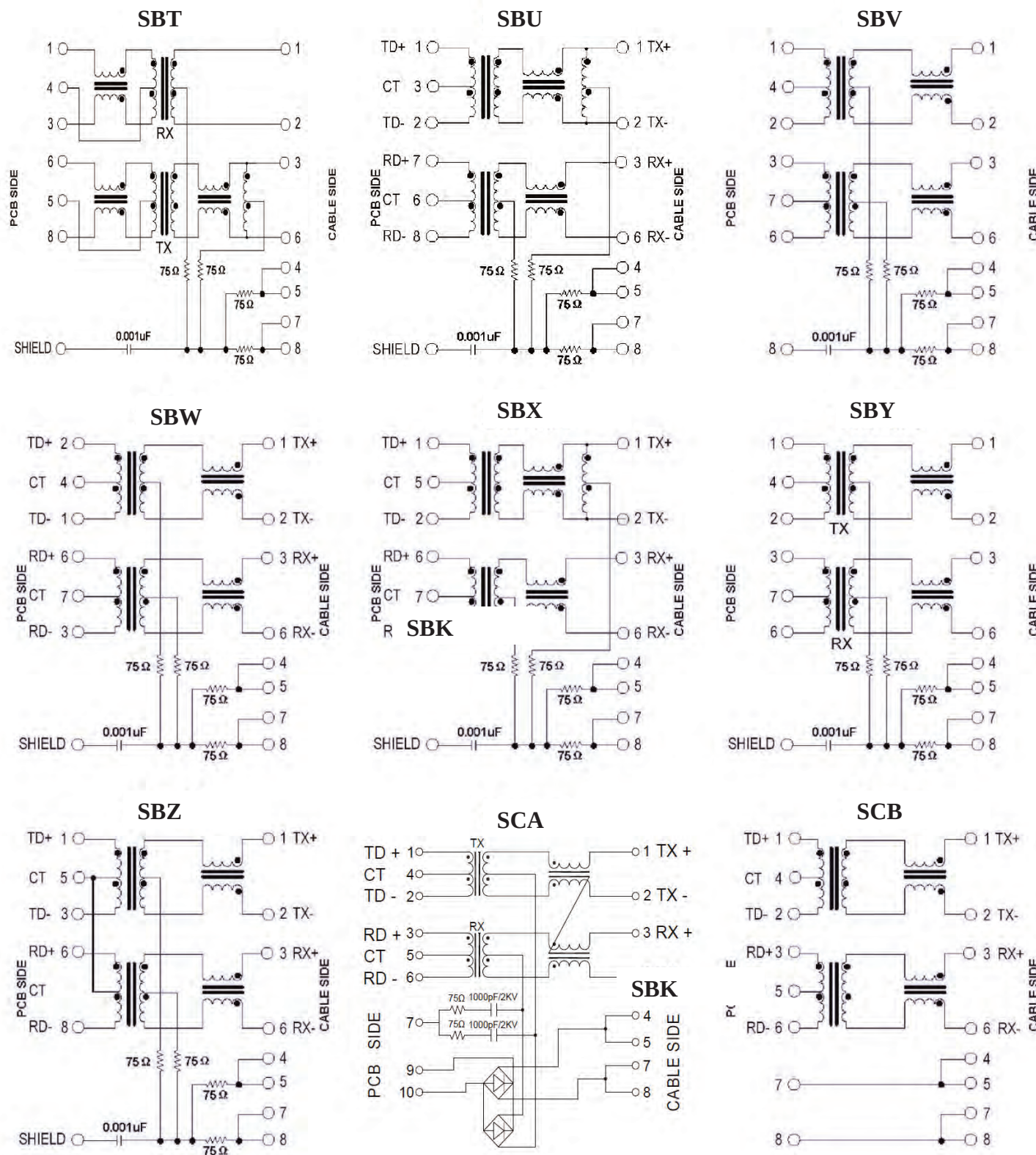
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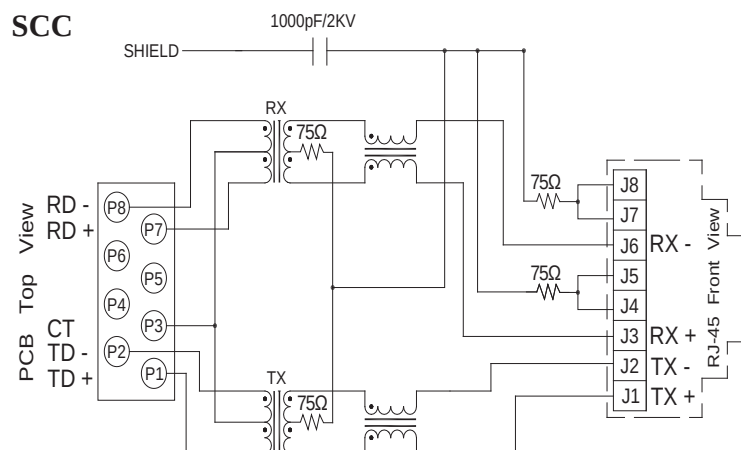
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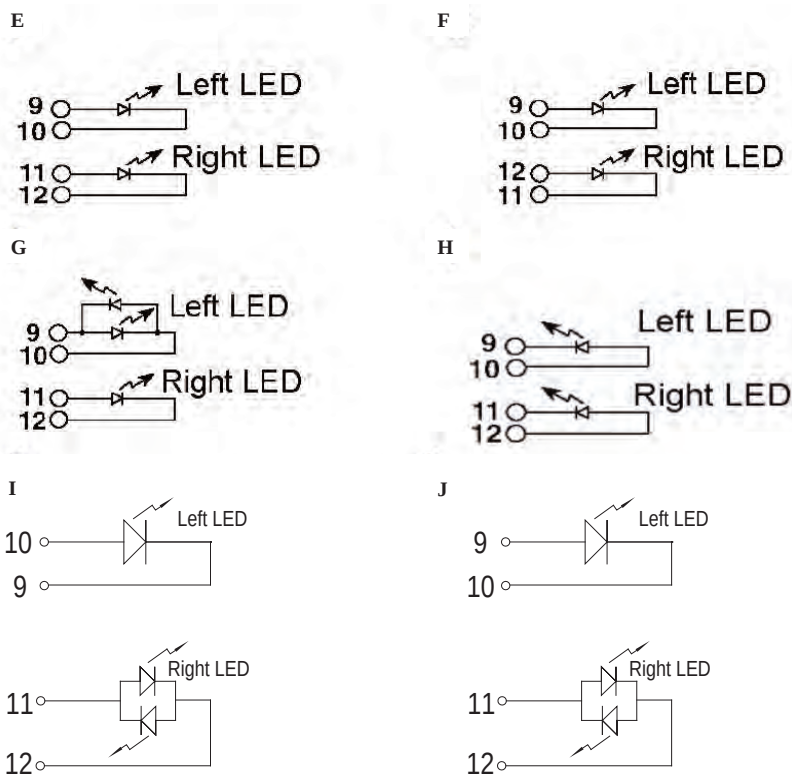


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SCHEMATICS



LED POLARITY



Vin=2.1Vdc TYP. 2.5Vdc MAX.



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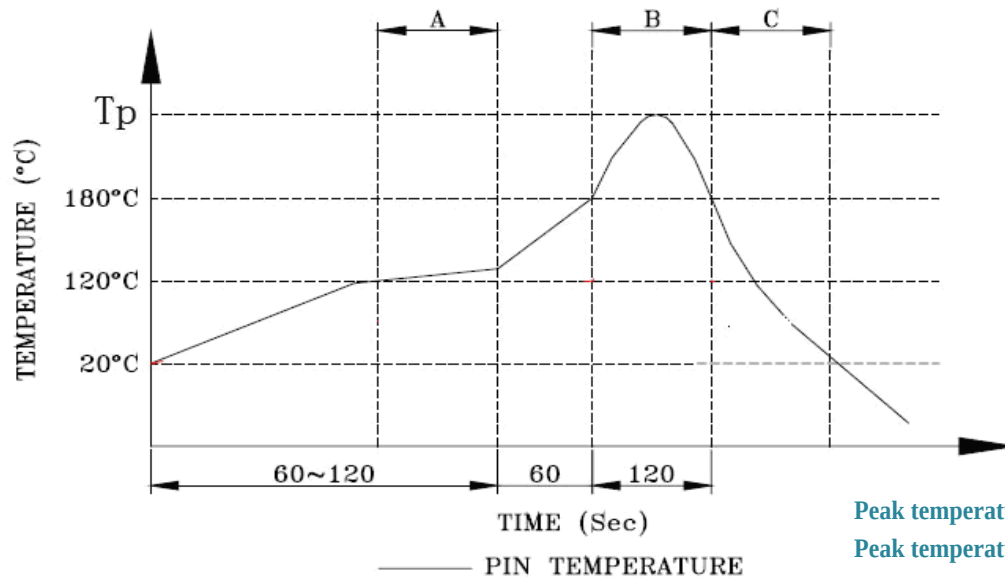
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REFLOW PROFILE



Peak temperature(Tp) : 250 ± 10°C

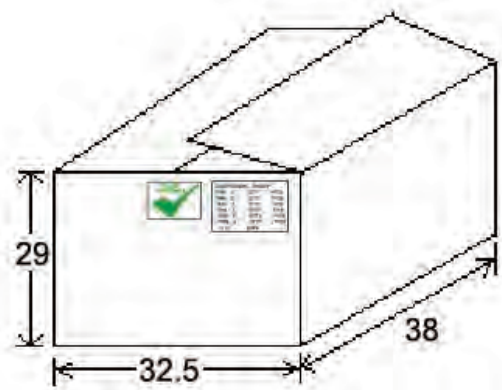
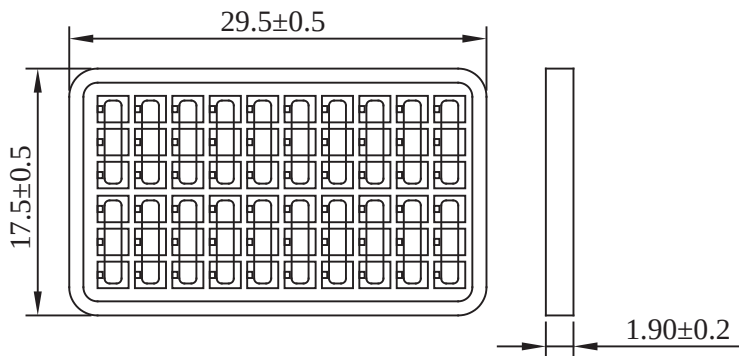
Peak temperature(Tp) time : 5sec max

A. Preheating B. Soldering C. Gradual Cooling

TAPE & REEL:

Packing 60pcs/tray
Packaging material: PET

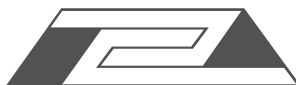
Outer carton unit 1320 pcs/ 22 Trays/box



Dimensions: cm

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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

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