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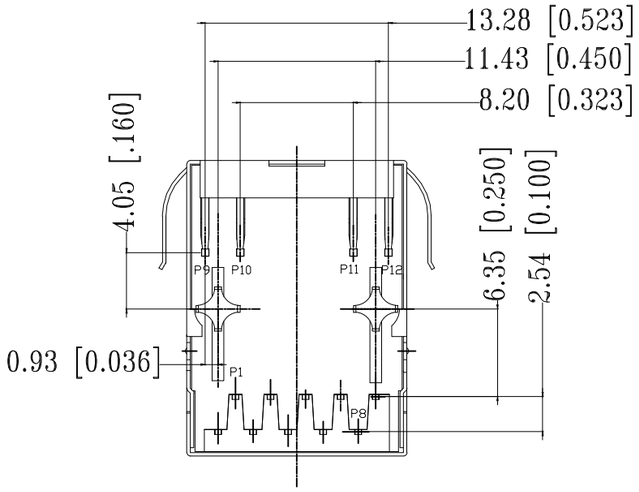
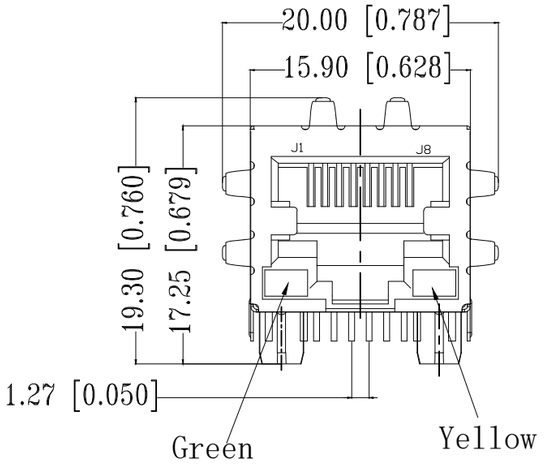
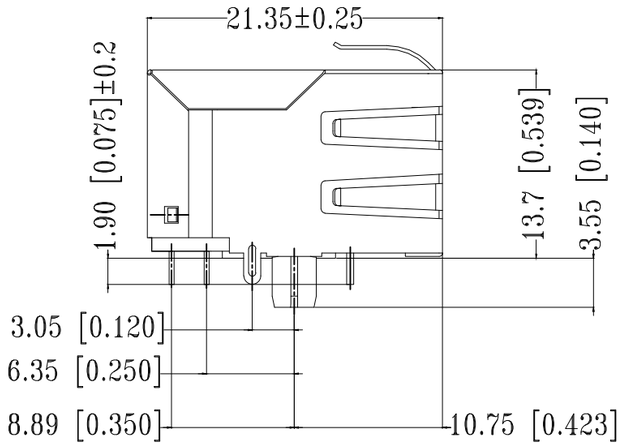
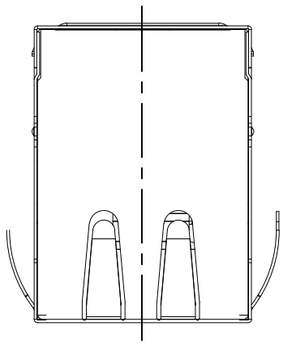
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	A	NEW RELEASE	26NOV2018	GCM	JDB

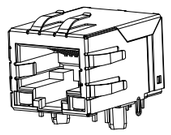








1. CONNECTOR MATERIAL:
   HOUSING: LCP BLACK UL94 V-0
   INSERT: LCP BLACK UL94 V-0
   SHIELD: BRASS
   SHIELD PLATING: NICKEL
   CONTACT: COPPER ALLOY
   CONTACT PLATING: SELECTIVE GOLD, MIN. 0.76µm (30µinch) IN CONTACT AREA OVER MIN. 1.27µm (50µinch) NICKEL
   SOLDER PIN PLATING: 3.05µm (120µinch) TIN OVER 1.27µm (50µinch) NICKEL OVER ALL
   SHIELDING PIN PLATING: NICKEL
2. PIN NOT ELECTRICALLY CONNECTED MAYBE OMITTED SEE ELECTRICAL CIRCUIT DIAGRAM FOR OMITTED PINS
3. RJ45 CAVITIES CONFORM TO FCC RULES AND REGULATION PART 68
4. THE PART IS RECOMMENDED FOR REFLOW SOLDERING PROCESS PEAK SOLDERING: TEMPERATURE MAX. +260° C, MAX. 10s
5. OPERATING TEMPERATURE: T= -40° C TO +85° C
6. STORAGE TEMPERATURE: T= -40° C TO +85° C
7. UNLESS OTHERWISE SPECIFIED, SEE TABLE FOR ALL DIMENSIONS TOLERANCES
8. JACK CONFIGURATION: 1 x 1
   TAB DIRECTION: DOWN
9. PACKAGING: REEL (T+R) ACCORDING TO PACKAGING SPECIFICATION 107-18116



1:1

7 TABLE OF TOLERANCE (mm)

RANGE	TOLERANCE
0-10	±0.15
>10-40	±0.25
>40-70	±0.30
>70	±0.40

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED: 7
0 PLC ± -
1 PLC ± -
2 PLC ± -
3 PLC ± -
4 PLC ± -
ANGLES ± -

MATERIAL 1

FINISH 1

DWN GANESH C M 26NOV2018
CHK O. WIBORG 26NOV2018
APVD J. DE BRUIJN 26NOV2018
PRODUCT SPEC 108-94694
APPLICATION SPEC 114-94556
WEIGHT

TE Connectivity

NAME RJ45 JACK MAG. POE 10/100 LED 1x1
-
-

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A3	00779	C-2337992-4	—

CUSTOMER DRAWING SCALE 3:1 SHEET 1 OF 3 REV A

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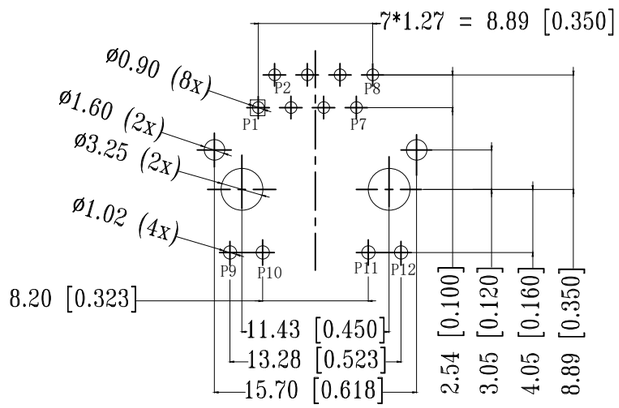
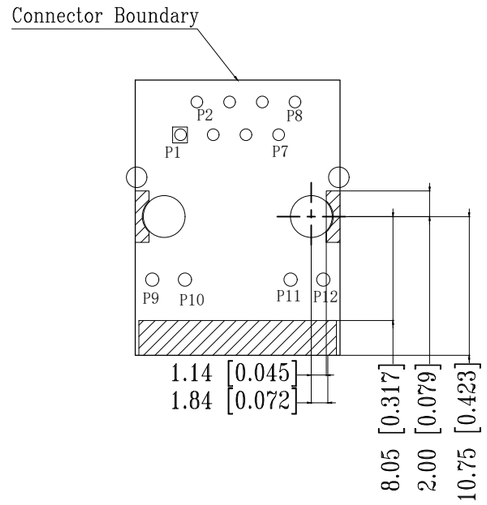
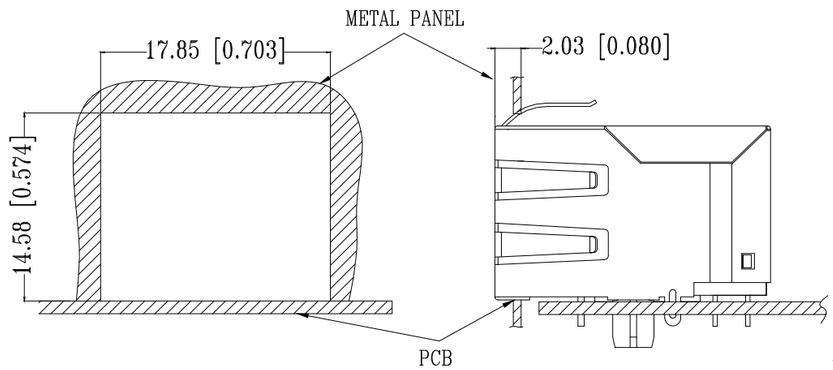
REVISIONS

P	LTR	DESCRIPTION	DATE	DWN	APVD
	–	SEE SHEET 1	–	–	–

SUGGESTED PCB LAYOUT







UNIT: mm / inch
TOLERANCES: ±0.10 / 0.004

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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –
7

MATERIAL 1
FINISH 1

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CUSTOMER DRAWING
SCALE 3:1 SHEET 2 OF 3 REV A

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REVISIONS

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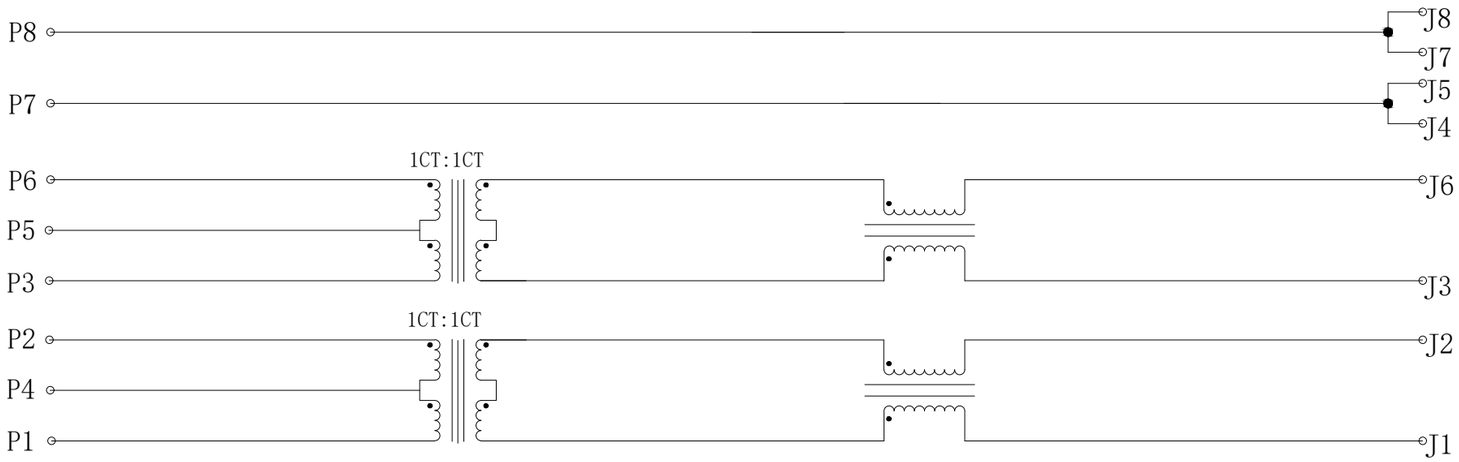
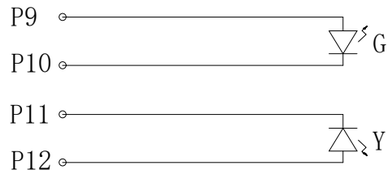
	–	SEE SHEET 1	–	–	–

ELECTRICAL CIRCUIT DIAGRAM





Pin	Green		Yellow
P9	+	P11	–
P10	–	P12	+

1.0 Turn Ratio @100kHz: (P1~P2):(J1~J2) = 1:1±2%
(P3~P6):(J3~J6) = 1:1±2%

2.0 Primary Inductance: 350µH MIN. @100kHz,0.1V 8mA DC BIAS

3.0 DC Resistance: 1.2 OHMS MAX.

4.0 Insertion Loss: 1–100MHz –1.2dB MAX.

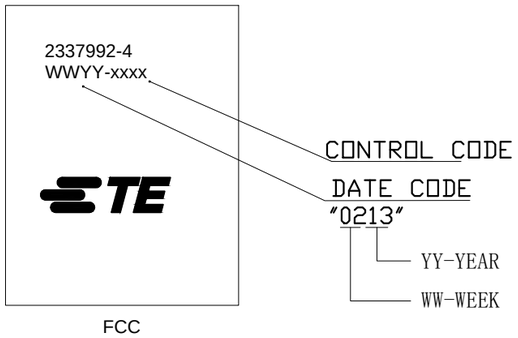
5.0 Return Loss: 1–30MHz –16dB MIN.
30–60MHz –12dB MIN.
60–80MHz –10dB MIN.

6.0 CROSS TALK: 1–100MHz –27.1dB MIN.

7.0 COMMON TO COMMON MODE ATTENUATION: 1–100MHz –30dB MIN.

8.0 Isolation: PHY Side to Line Side: 2250VDC

9.0 DC CURRENT/VOLTAGE RATING–PSE PINS: 720mA @57V(CONTINUOUS)



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DIMENSIONS: mm [INCHES]

TOLERANCES UNLESS OTHERWISE SPECIFIED:
0 PLC ± –
1 PLC ± –
2 PLC ± –
3 PLC ± –
4 PLC ± –
ANGLES ± –

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NAME RJ45 JACK MAG. POE 10/100 LED 1x1

SIZE A3 | CAGE CODE 00779 | DRAWING NO C–2337992–4 | RESTRICTED TO –

CUSTOMER DRAWING | SCALE 3:1 | SHEET 3 OF 3 | REV A

Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits,General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.

Как с нами связаться

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Факс: 8 (812) 320-02-42
Электронная почта: org@eplast1.ru
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