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LED 1 POLARITY			LED 2 POLARITY		
PIN 17	PIN 18	COLOR	PIN 19	PIN 20	COLOR
−	+	YELLOW	+	−	ORANGE
			−	+	GREEN

RoHS

ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO
- TP1 1CT : 1CT ±2%
- TP2 1CT : 1CT ±2%
- TP3 1CT : 1CT ±2%
- TP4 1CT : 1CT ±2%

OCL @ 100kHz/100mVRMS (4CHANNEL)
- 11mA DC BIAS 350µH MIN.
- Compliant to IEEE 802.3at specification

INS. LOSS
- 0.1MHz TO 1MHz −1.1 dB MAX
- 1MHz TO 65MHz −0.8 dB MAX
- 65MHz TO 100MHz −1.0 dB MAX
- 100MHz TO 125MHz −1.2 dB MAX

RET. LOSS (MIN)
- 0.5MHz-40MHz −18 dB
- 40MHz-100MHz −12+20LOG(f/80MHz) dB

CM TO CM REJ
- 100kHz - 100MHz −30 dB MIN

CM TO DM REJ
- 100kHz - 100MHz −35 dB MIN

HIPOT (Isolation Voltage): 2250 VDC
- 100% OF PRODUCTION TESTED TO COMPLY WITH IEEE 802.3 ISOLATION REQUIREMENTS

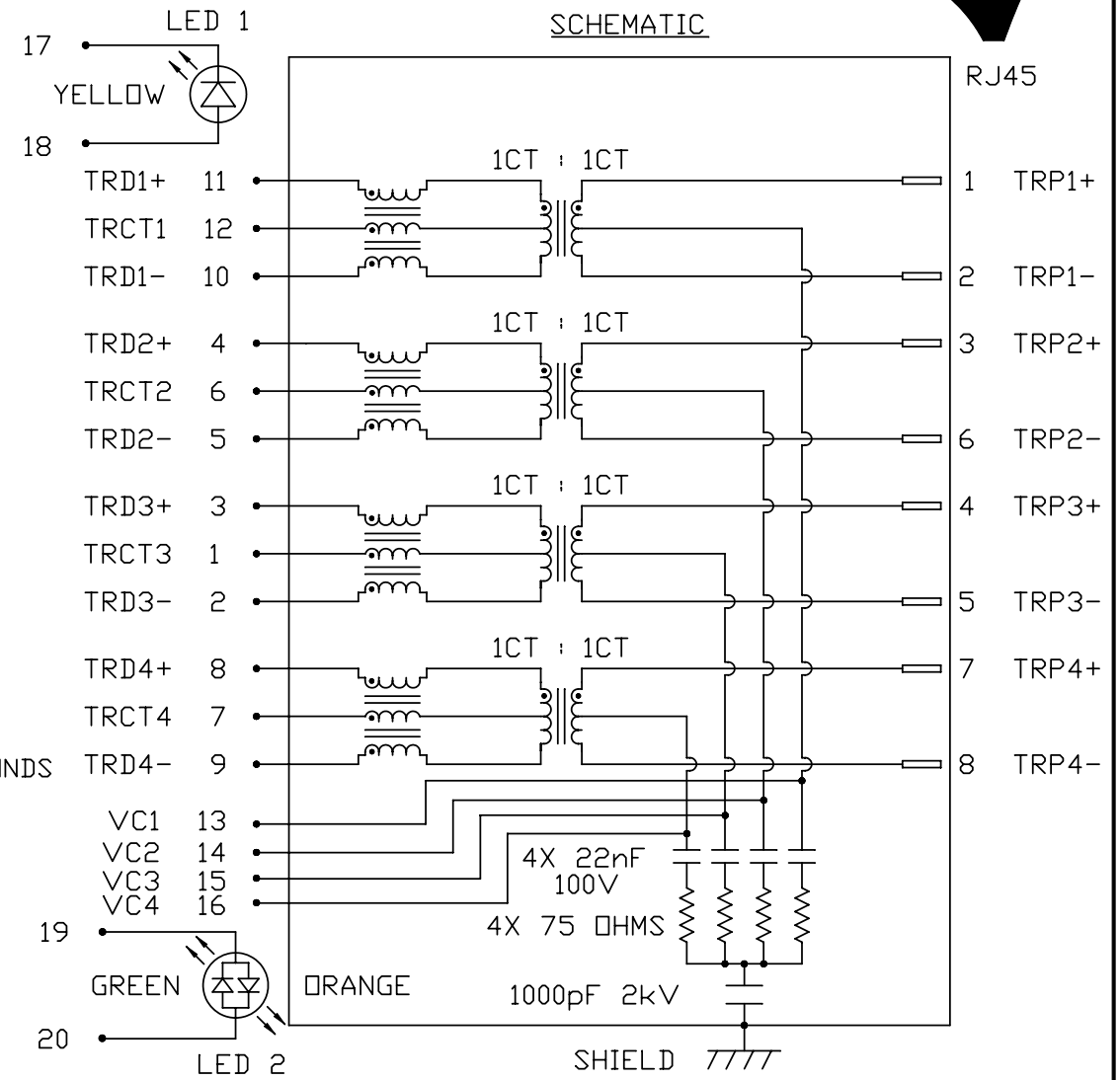
BALANCED DC LINE CURRENT 720 mA MAX. @ 57 VDC CONTINUOUS
1.2 A MAX. @ 57 VDC FOR 200 MILLISECONDS

LED 1
- VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP.
- λD (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP.

LED 2
- VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.
  ORANGE 2.0V TYP.
- λD (DOMINANT WAVELENGTH) IF=20mA GREEN 565nm TYP.
  ORANGE 610nm TYP.

OPERATING TEMPERATURE: -40°C TO 85°C

SCHEMATIC



ORIGINATED BY: CHOW WANCHUNG	DATE: 2012-08-09	TITLE: gigabit MagJack® (PoEp, Extended Temperature) 0826-1X1T-GH-F PATENTED	PART NO. / DRAWING NO.: 08261X1TGH-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: TAN QIGUANG	DATE: 2012-08-09		FILE NAME: 08261X1TGH-F_B.DWG		UNIT : INCH [mm] REV. : B SCALE : N/A SIZE : A4 PAGE : 2

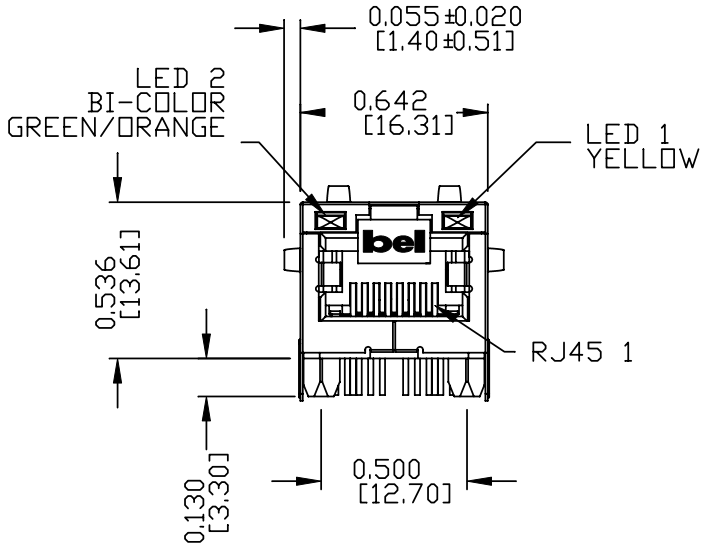
bel — COMPONENTS FOR A CONNECTED PLANET

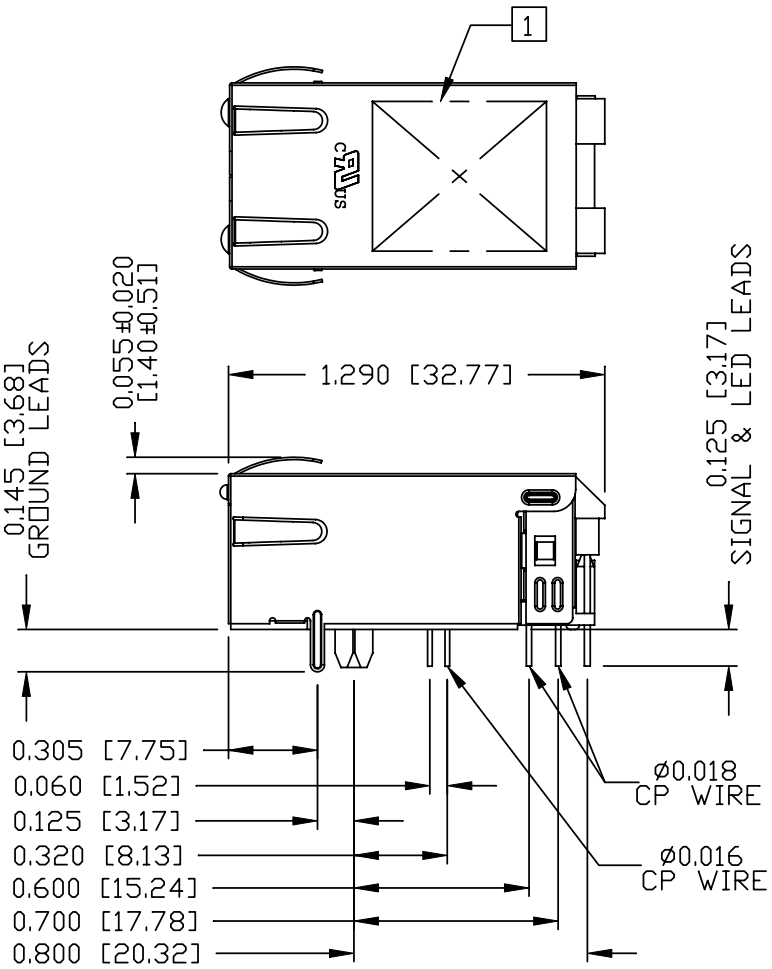
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MECHANICAL SPECIFICATION

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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA
FLAMMABILITY RATING UL 94V-0

CONTACTS: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.016 AND DIA 0.018 INCH.

METAL SHIELD: NICKEL PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG LOGO, MFG NAME, PART NUMBER, DATE CODE AND PATENTED.

c UL us UL RECOGNIZED - FILE #E196366 AND E169987.

2. THE PRODUCT IS RoHS COMPLIANT.

3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

4. THE PRODUCT IS PATENTED, THE PATENT NUMBER ARE U.S. PAT. 5,736,910 AND U.S. PAT. 7,123,117.

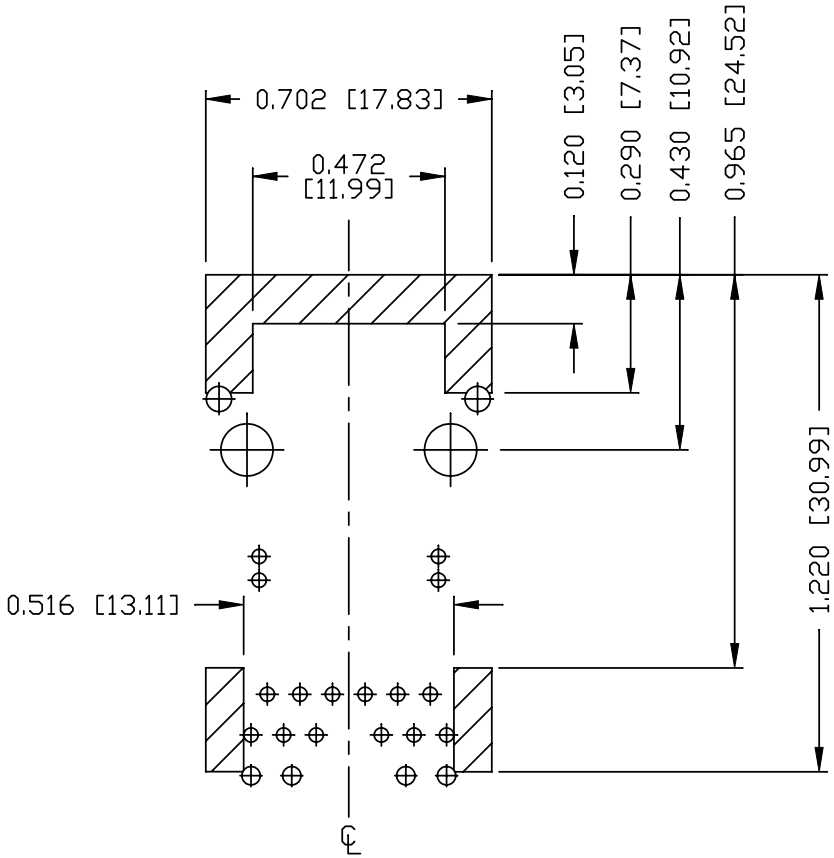
ORIGINATED BY: ANTON LIAO	DATE: 2012-08-09	TITLE: gigabit MagJack® (PoEp, Extended Temperature) 0826-1X1T-GH-F PATENTED	PART NO. / DRAWING NO.: 08261X1TGH-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.010	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: HE ZHEN	DATE: 2012-08-09		FILE NAME: 08261X1TGH-F_B.DWG		UNIT : INCH [mm] / REV. : B
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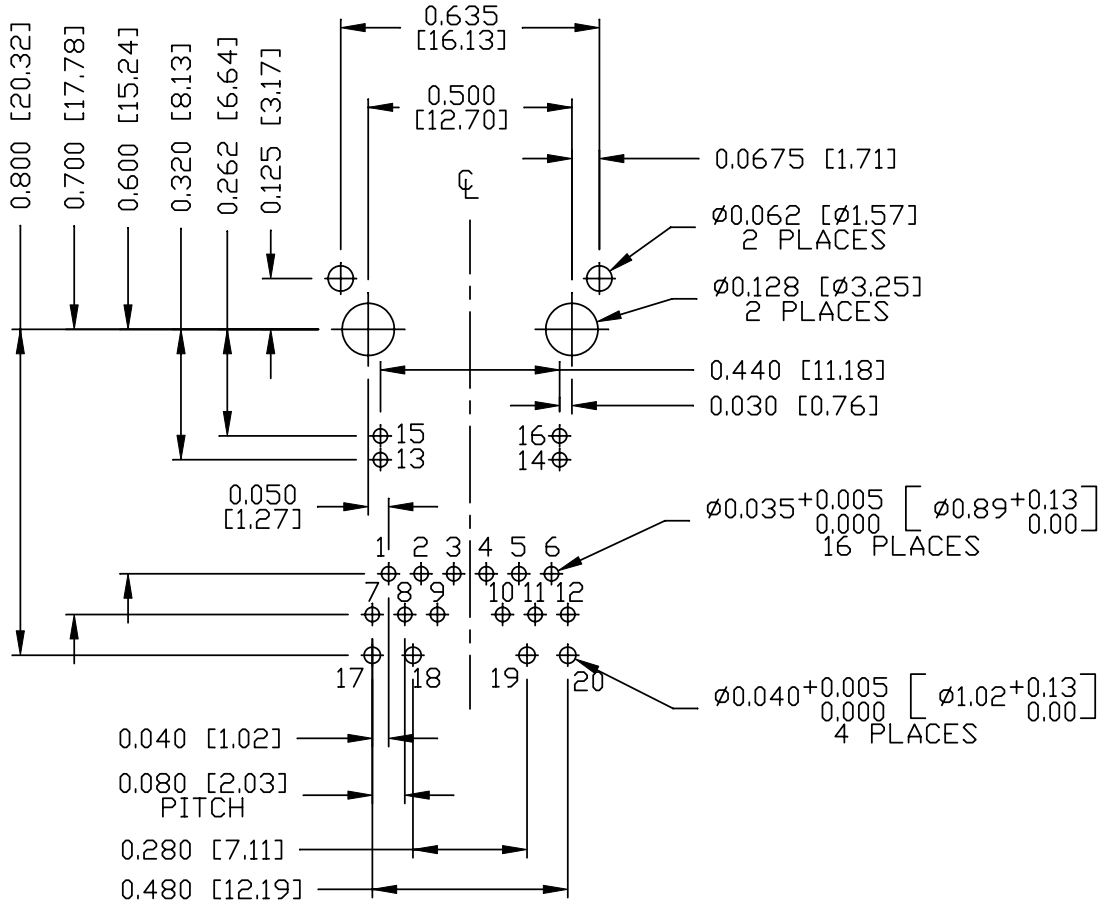
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RECOMMENDED PCB FOOTPRINT

COMPONENT SIDE VIEW



NOTES

THE SHADED AREA ON THE CUSTOMER BOARD ARE RECOMMENDED TO BE CLEAR OFF ANY VIA HOLE OR COMPONENT PAD.

ORIGINATED BY: ANTON LIAO	DATE: 2012-08-09	TITLE: gigabit MagJack® (PoEp, Extended Temperature) 0826-1X1T-GH-F PATENTED	PART NO. / DRAWING NO.: 08261X1TGH-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.004	[ ] METRIC DIM. AS REFERENCE
DRAWN BY: HE ZHEN	DATE: 2012-08-09		FILE NAME: 08261X1TGH-F_B.DWG		UNIT : INCH [mm] / REV. : B
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					PAGE : 4

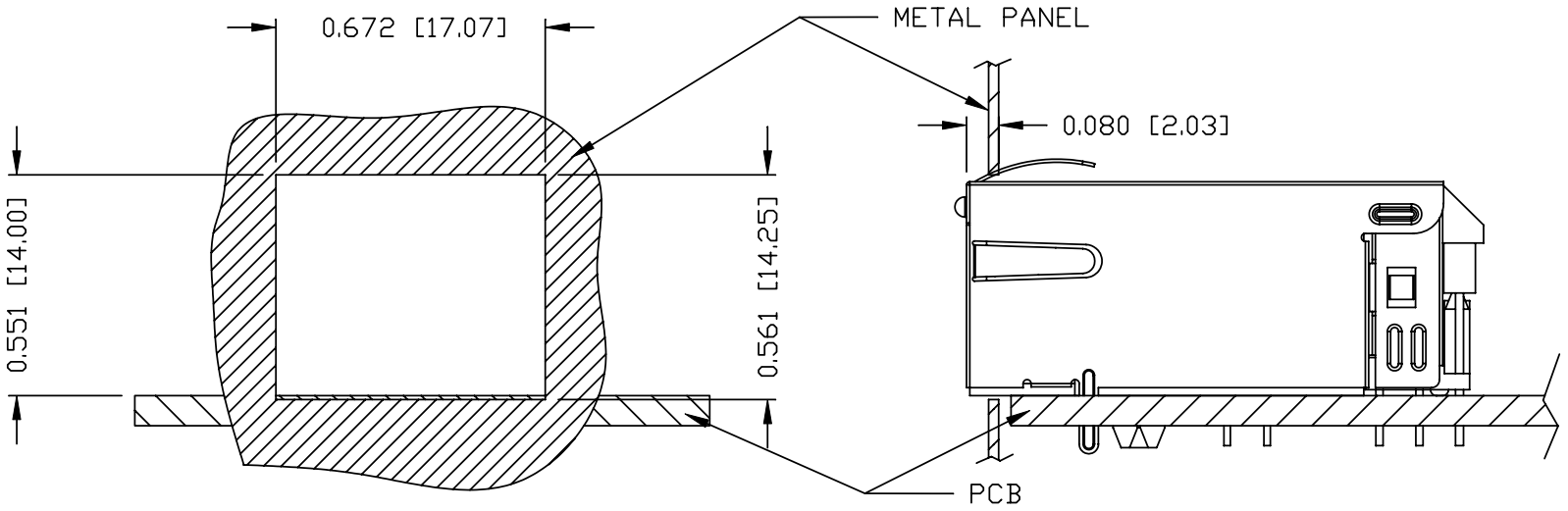
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SUGGESTED PANEL OPENING



NOTE:

THE DISTANCE OF PANEL INSIDE SURFACE RELATIVE TO FRONT SURFACE OF PART IS ONLY A SUGGESTION. IN CASE THIS DISTANCE IS DIFFERENT, THE REQUIRED PANEL OPENING DIMENSIONS CHANGE ACCORDINGLY.

PACKING INFORMATION

PACKING TRAY : 0200-9999-F6 (TOP)
0200-9999-F7 (BOTTOM)

PACKING QUANTITY : 40 PCS FINISHED GOODS PER TRAY
10 TRAYS (400 PCS FINISHED GOODS) PER CARTON BOX

NOTE : CARDBOARDS ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX
(INCLUDE THE UPPERMOST AND LOWERMOST TRAY)

ORIGINATED BY: ANTON LIAO	DATE: 2012-08-09	TITLE: gigabit MagJack® (PoEp, Extended Temperature) 0826-1X1T-GH-F PATENTED	PART NO. / DRAWING NO.: 08261X1TGH-F	STANDARD DIM. TOL. IN INCH: .X, .XX, .XXX ±0.004	[ ] METRIC DIM. AS REFERENCE
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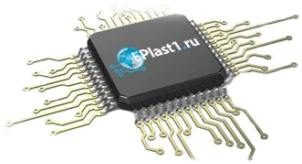
Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

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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