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RoHS



LED1 POLARITY			LED2 POLARITY		
PIN 13	PIN 14	COLOR	PIN 15	PIN 16	COLOR
-	+	GREEN	-	+	GREEN

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%
OC L @ 100kHz/100mVRMS	(0-70 Deg. C)
8mA DC BIAS	350µH MIN.

INS. LOSS

0.1MHz TO 1MHz	-1.1 dB MAX
1MHz TO 65MHz	-0.5 dB MAX
65MHz TO 100MHz	-0.8 dB MAX
100MHz TO 125MHz	-1.2 dB MAX

RET. LOSS (MIN) @ 100 OHMS +/-15%

0.5MHz-40MHz	-18 dB
40MHz-100MHz	-12+20LOG(f/80MHz) dB

CM TO CM REJ

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

100kHz - 100MHz	-35 dB MIN
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HIPOT (Isolation Voltage): 1500 Vrms / 2250 VDC

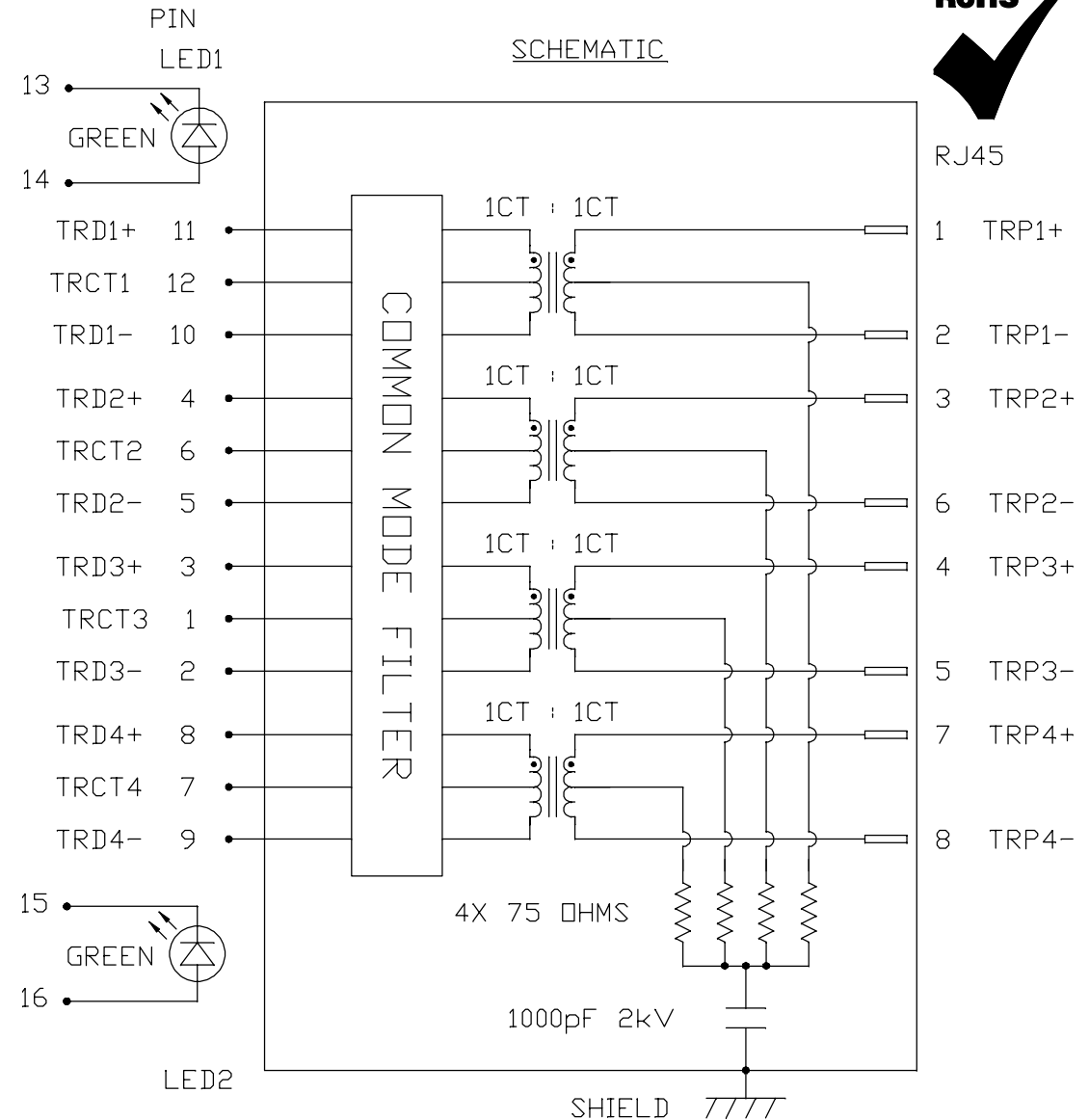
100% OF PRODUCT TESTED IN PRODUCTION

LED1 & LED2

VF (FORWARD VOLTAGE) IF=20mA GREEN 2.2V TYP.

λD (DOMINANT WAVELENGTH) IF=20mA GREEN 570nm TYP.

OPERATING TEMPERATURE: 0°C TO 70°C



ORIGINATED BY
CHOW WANCHUNG
DATE 2017-10-09

DRAWN BY
XIE YIMING
DATE 2017-10-09

TITLE

gigabit MagJack®
(Ultra Low Profile)
PATENTED

PART NO. / DRAWING NO.

L829-1G1T-43

FILE NAME

L829-1G1T-43_F.DWG

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]

SCALE : N/A

SIZE : A4

REV. : F

PAGE : 2

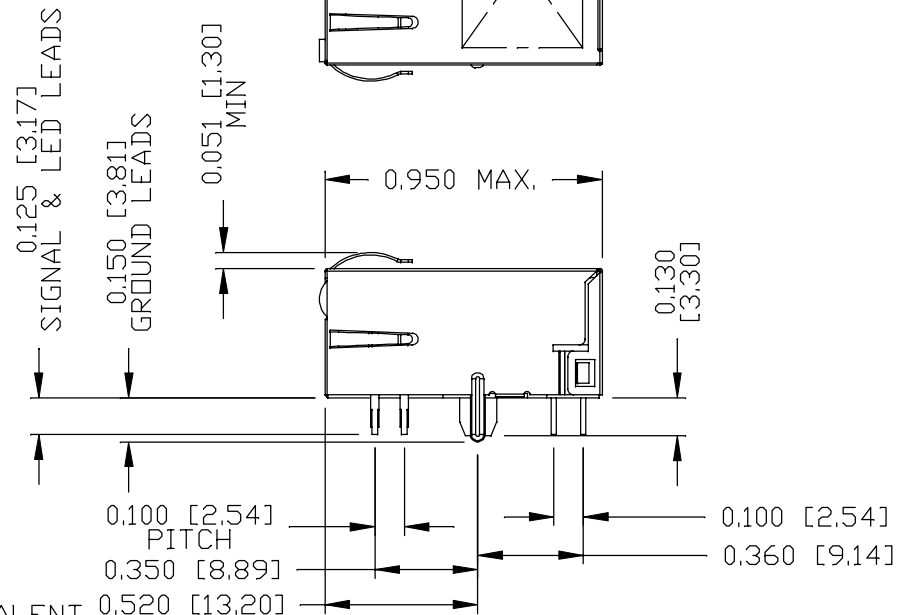
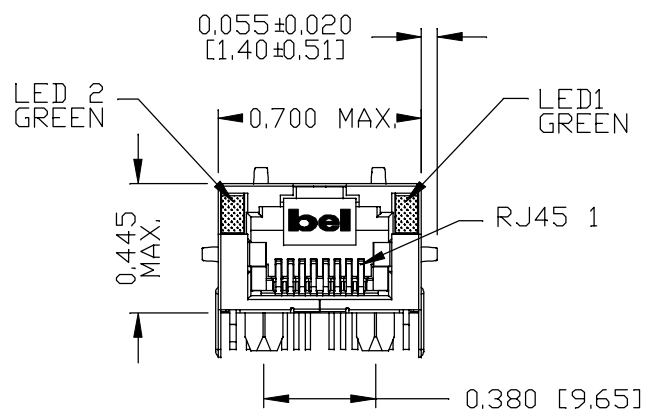


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MECHANICAL SPECIFICATION

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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PA, BLACK
FLAMMABILITY RATING UL 94V-0
CONTACTS: 30 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT,
OUTPUT PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH,
100 MICRO-INCH MIN MATTE TIN,
PINS ARE SOLDER DIPPED.
METAL SHIELD: NICKEL PLATED ON COPPER ALLOY,
(ALL GROUND LEADS ARE SOLDER DIPPED)

1. MARK PART WITH MFG. LOGO, MFG. NAME, PART NUMBER(L829-1G1T-43),
AND DATE CODE AND PATENTED.

2. THE PRODUCT IS RoHS COMPLIANT.

UL RECOGNIZED - FILE #E196366 AND E169987.

3. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE
U.S. PAT. 6,840,817 AND U.S. PAT. 7,123,117.
4. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE
SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C
MAX AND 10 SECONDS MAX.

ORIGINATED BY
ANTON LIAO
DATE 2017-10-09

DRAWN BY
LI QUANKUN
DATE 2017-10-09

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.X		UNIT : INCH [mm]
.XX		SCALE : N/A
.XXX	±0.010	SIZE : A4

REV. : F

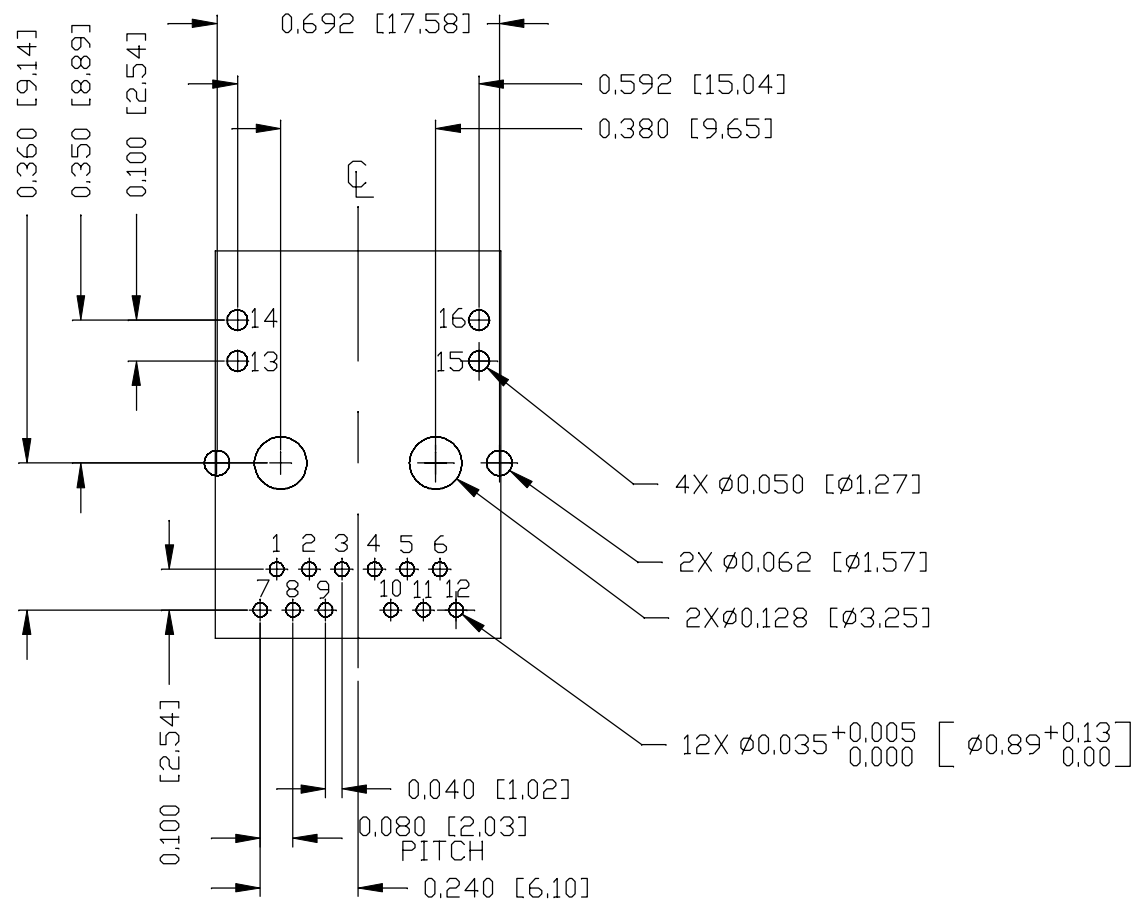
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RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW

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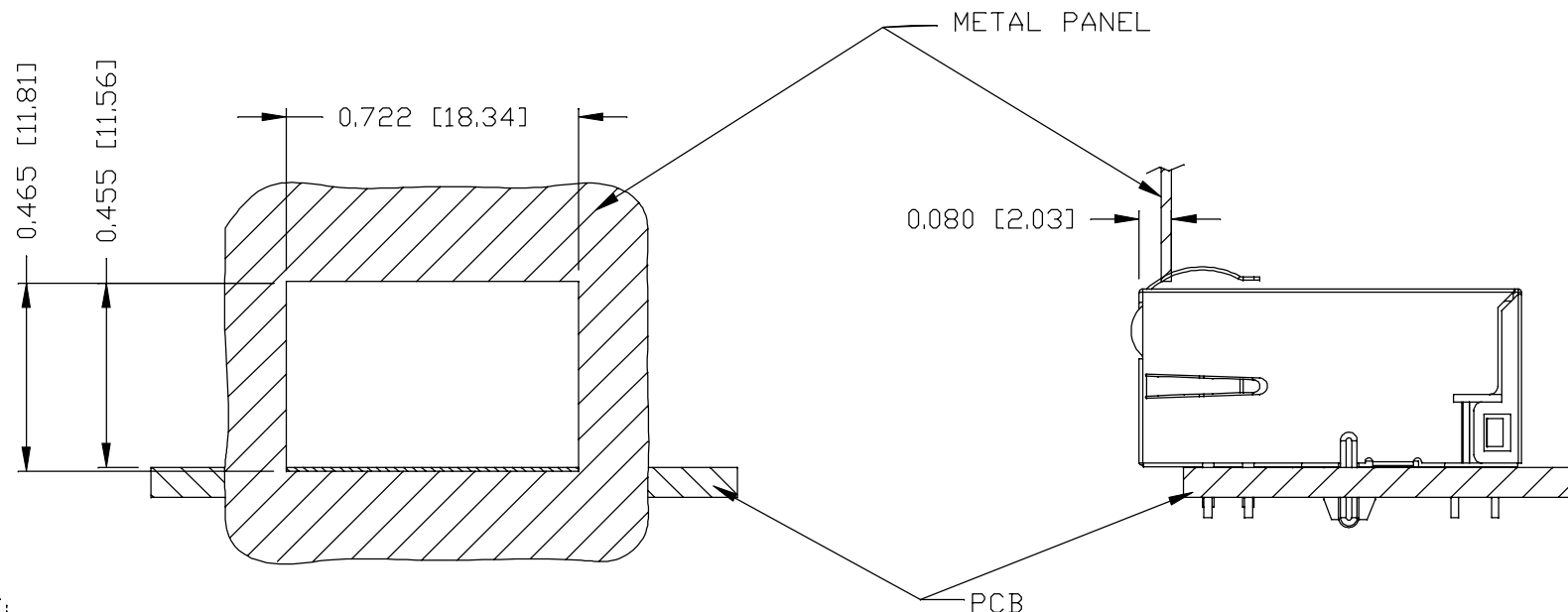


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SUGGESTED PANEL OPENING



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.

TRAY PACKING INFORMATION

PACKING TRAY : 0200-9999-E4 (TOP)
0200-9999-E5 (BOTTOM)

PACKING QUANTITY : 60 PCS FINISHED GOODS PER TRAY
11 TRAYS (660 PCS FINISHED GOODS) PER CARTON BOX

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

REV. : F PAGE : 5

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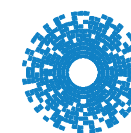
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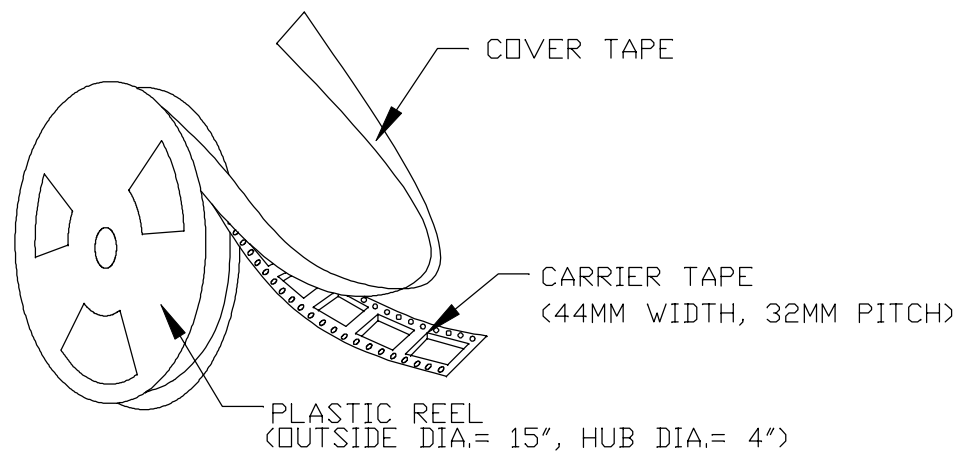


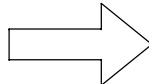
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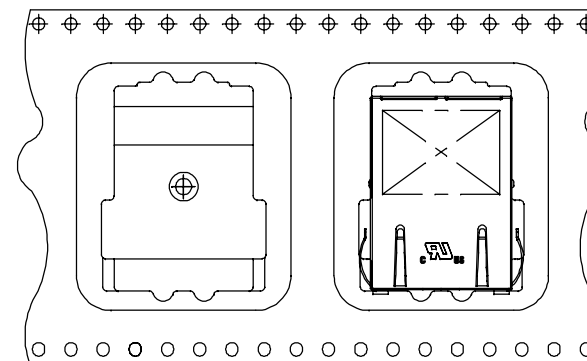
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TAPE AND REEL PACKING INFORMATION:



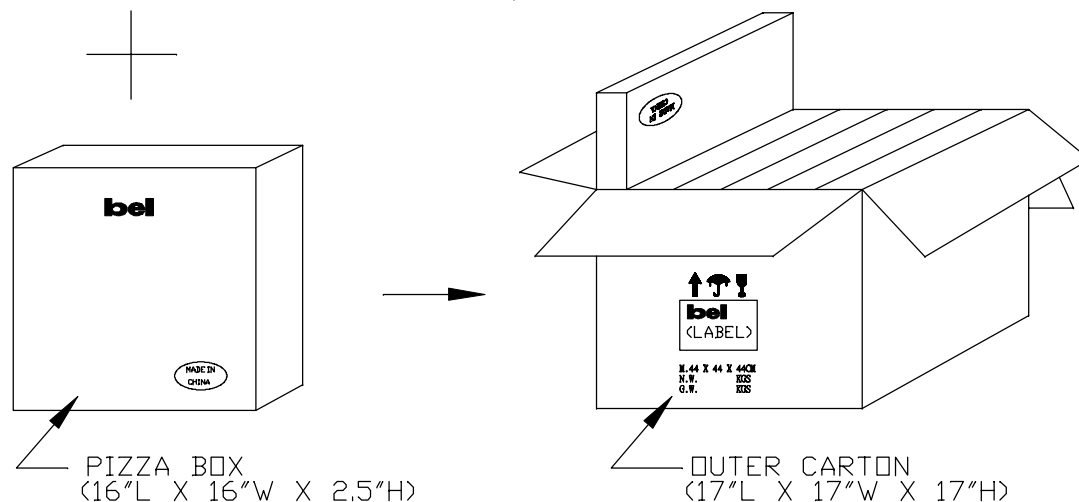
USER FEED DIRECTION 



PART ORIENTATION & FEEDING DIRECTION.

NOTES:

- 1) LEAVES 48 INCHES COVER TAPE AND 10 EMPTY POCKETS AT TRAILER.
- 2) LEAVES 24 INCHES COVER TAPE AND 13 EMPTY POCKETS AT LEADER.
- 3) PACK 140 PCS PER REEL.
- 4) EACH PIZZA BOX CONTAINS ONE (1) REEL.
(140 PCS FINISHED GOODS EACH PIZZA BOX).
- 5) EACH OUTER CARTON CONTAINS SIX (6) PIZZA BOXES.
(840 PCS FINISHED GOODS EACH OUTER CARTON).



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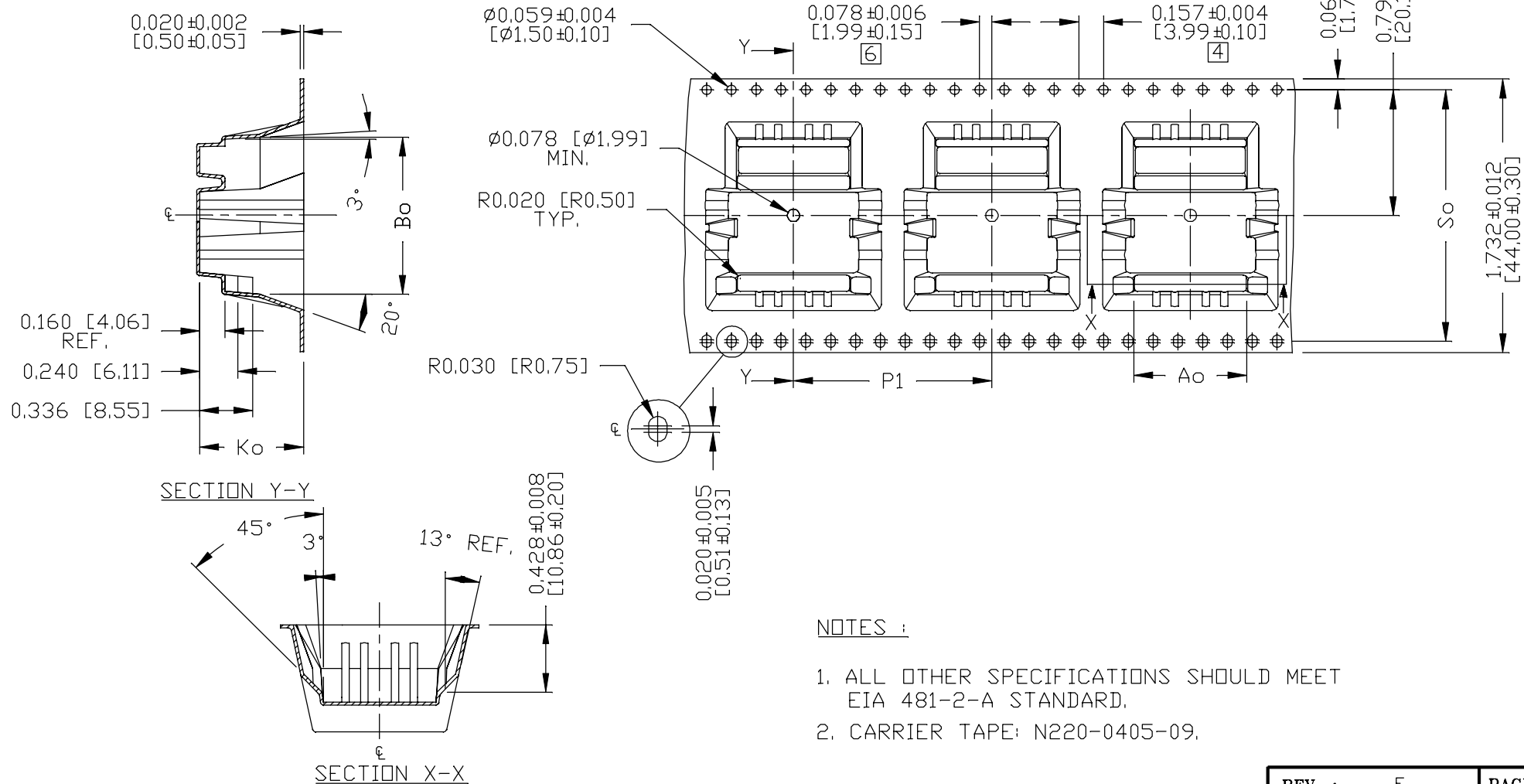
ORIGINATED BY ANTON LIAO DATE 2017-10-19 DRAWN BY LI QUANKUN DATE 2017-10-19	TITLE gigabit MagJack® (Ultra Low Profile) PATENTED	PART NO. / DRAWING NO. L829-1G1T-43 FILE NAME L829-1G1T-43_F.DWG	STANDARD DIM. TOL. IN INCH .X .XX .XXX ±0.004	[] METRIC DIM. AS REF. UNIT : INCH [mm] SCALE : N/A SIZE : A4	
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DIMENSION CHART					
Ao	Bo	Ko	P1	So	LENGTH/22"REEL
0.713 [18.10]	0.965 [24.51]	0.657 [16.69]	1.260 [32.00]	1.591 [40.40]	11 METERS

FOR CARRIER TAPE

RoHS



NOTES :

1. ALL OTHER SPECIFICATIONS SHOULD MEET EIA 481-2-A STANDARD.
2. CARRIER TAPE: N220-0405-09.

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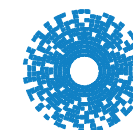
.X
.XX
.XXX

[] METRIC DIM.
AS REF.

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SIZE : A4

REV. : F

PAGE : 7



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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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