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

PRELIMINARY

RoHS



ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT $\pm 2\%$
TP2	1CT : 1CT $\pm 2\%$
TP3	1CT : 1CT $\pm 2\%$
TP4	1CT : 1CT $\pm 2\%$

QCL @ 100kHz/100mVRMS

8mA DC BIAS (0°C - 70°C) 180 μ H MIN.

19mA DC BIAS (0°C - 70°C) 120 μ H MIN.

INS. LOSS

1MHZ TO 150MHZ -0.004(fMHZ)-0.4 dB MAX

RET. LOSS

1MHZ-40MHZ -20 dB MIN

40.1MHZ-150MHZ -20+15LOG(f/40MHZ) dB MIN

CROSSTALK

1MHZ - 40MHZ -35 dB MIN

40.1MHZ-150MHZ -35+15LOG(f/40MHZ) dB MIN

CM TO CM REJ

1MHZ - 150MHZ -25 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

1.2A MAX. @ 57 VDC FOR 200 MILLISECONDS

LED 1

VF (FORWARD VOLTAGE) IF=20mA YELLOW 2.1V TYP.

λ D (DOMINANT WAVELENGTH) IF=20mA YELLOW 590nm TYP.

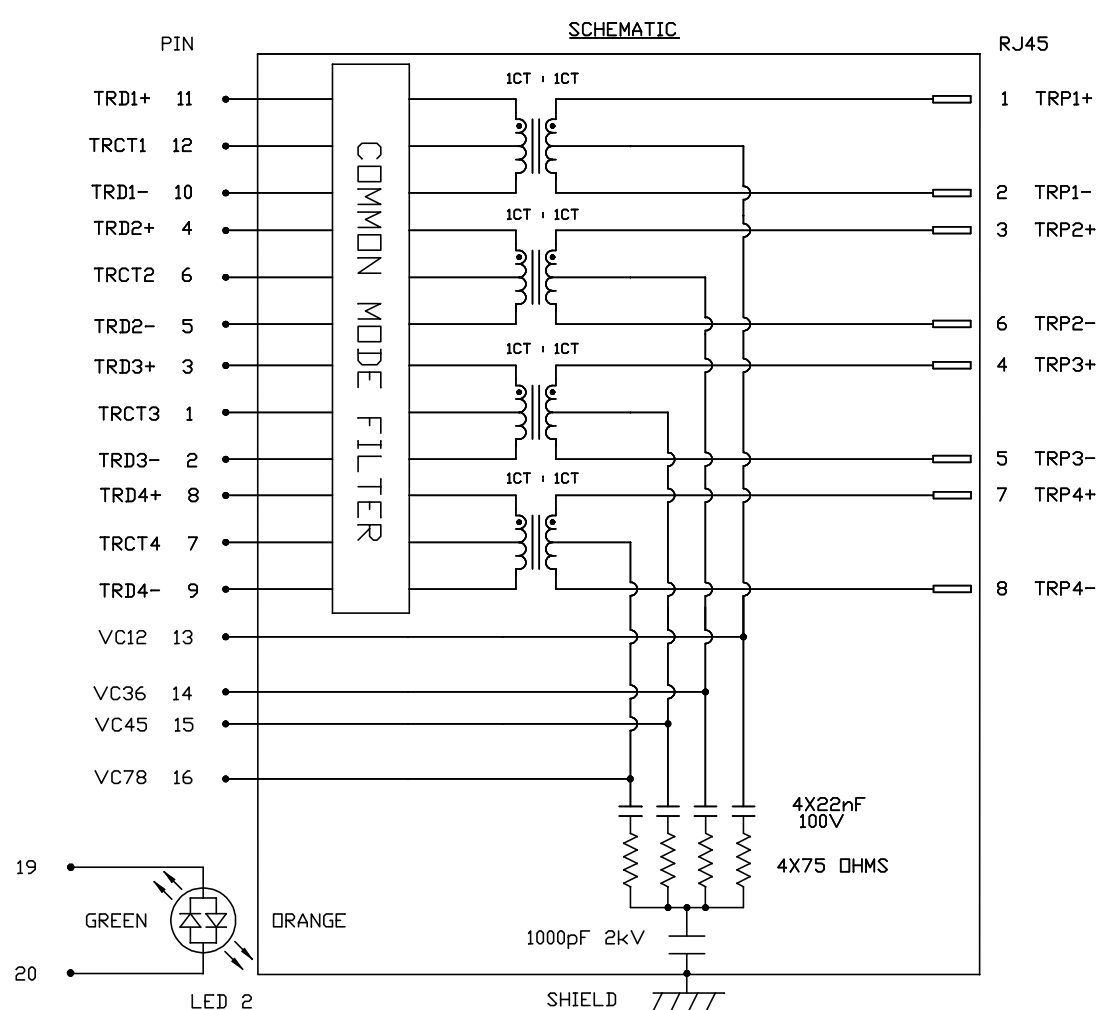
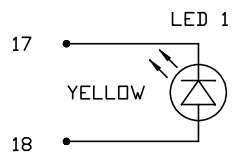
LED 2

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

ORANGE 2.0V TYP.

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

ORANGE 605nm TYP.



ORIGINATED BY
CHOW WANCHUNG
DATE 2015-12-17

DRAWN BY
MURPHY LEE
DATE 2015-12-17

TITLE
1X4 2.5 Gigabit MagJack®
4PPoE
0826-1X4T-HT-F
PATENTED

PART NO. / DRAWING NO.
08261X4THT-F

FILE NAME
08261X4THT-F_PA.DWG

STANDARD DIM.
TOL. IN INCH

.X
.XX
.XXX

[] METRIC DIM.
AS REF.

UNIT : INCH [mm]
SCALE : N/A
SIZE : A4

REV. : PA

PAGE : 2



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NOTES:

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

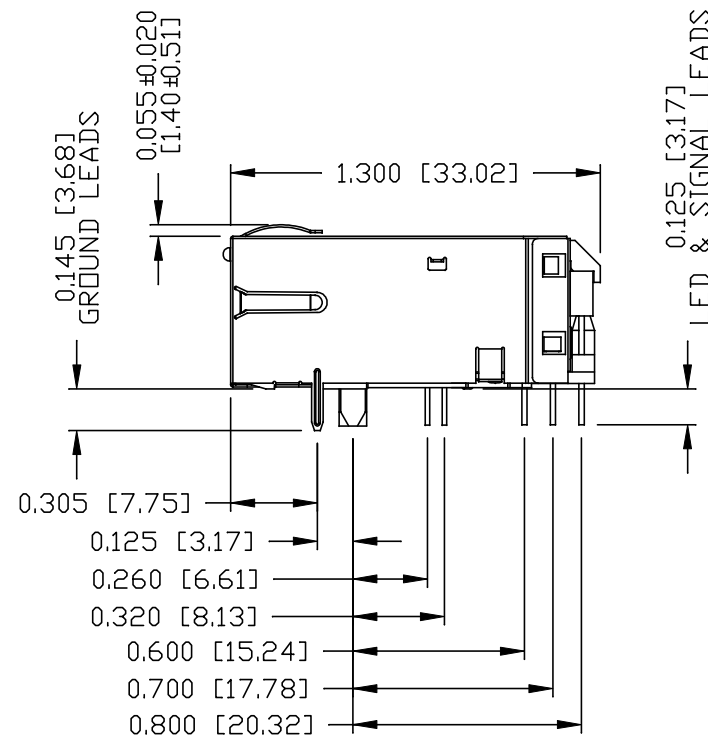
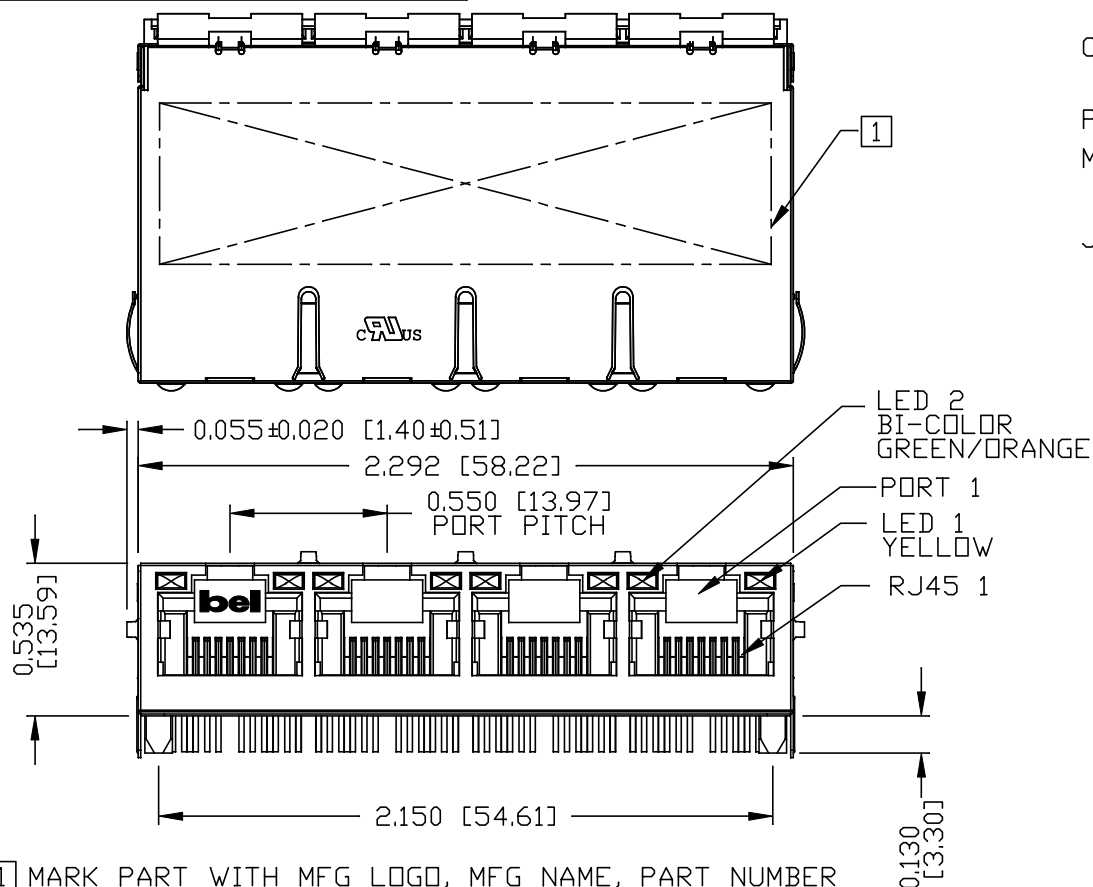
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.

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

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

JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

RoHS



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

2. THE PRODUCT IS RoHS COMPLIANT.

bel USUL RECOGNIZED - FILE #E196366 AND E169987.

3. THE PRODUCT IS PATENTED. THE PATENT NUMBER ARE U.S. PAT. 7,123,117.

ORIGINATED BY ANTON LIAO DATE 2015-12-17	TITLE 1X4 2.5 Gigabit MagJack® 4PPoE 0826-1X4T-HT-F PATENTED	PART NO. / DRAWING NO. 08261X4THT-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.	 bel MAGNETIC SOLUTIONS a bel group
DRAWN BY SANDY LIN DATE 2015-12-17		FILE NAME 08261X4THT-F_PA.DWG	.X		UNIT : INCH [mm]	
			.XX		SCALE : N/A	
	.XXX		 SIZE : A4			

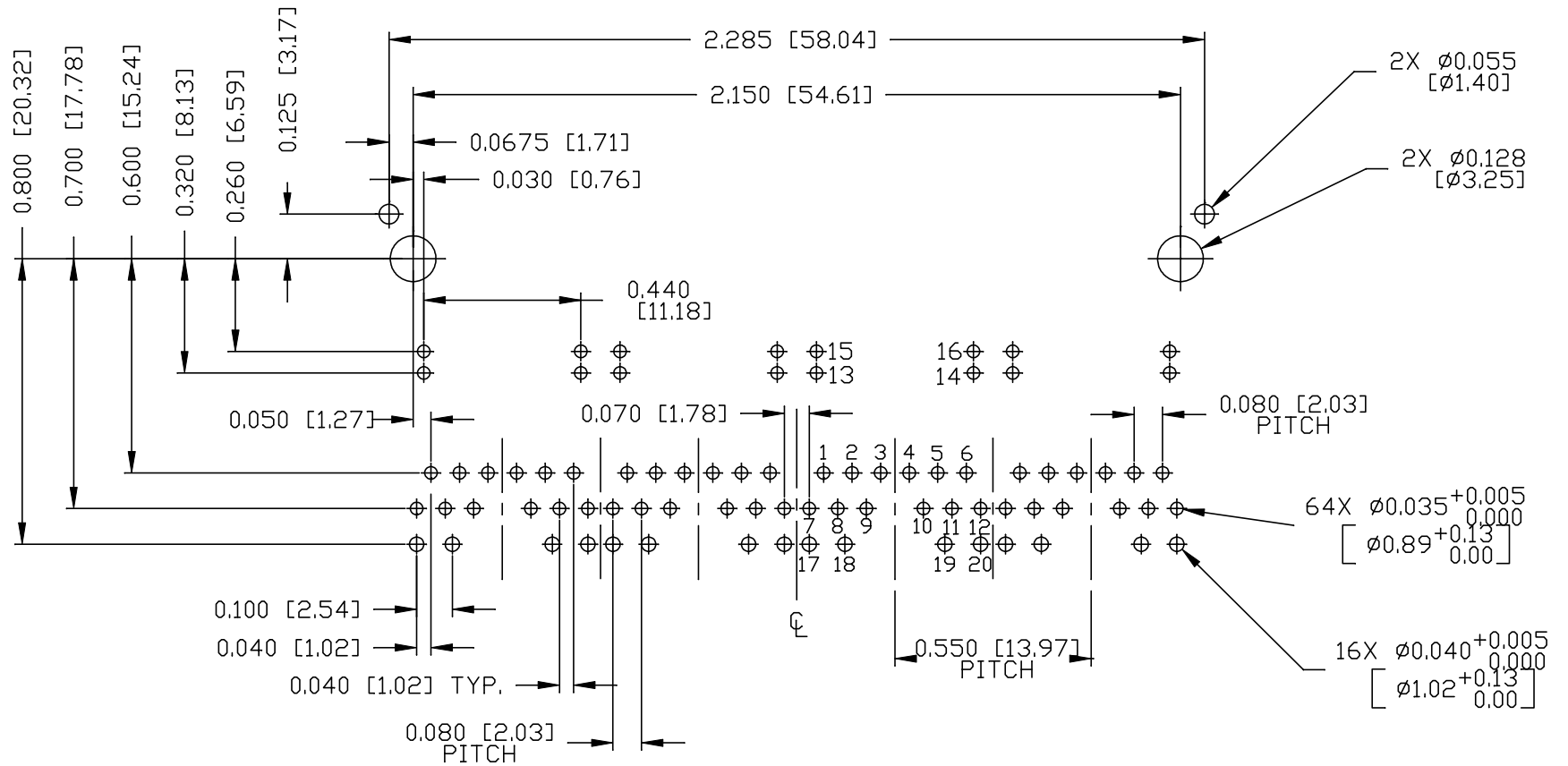
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RECOMMENDED PCB FOOTPRINT
COMPONENT SIDE VIEW



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ANTON LIAO
DATE 2015-12-17

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DATE 2015-12-17

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PATENTED

PART NO. / DRAWING NO.

08261X4THT-F

FILE NAME

08261X4THT-F_PA.DWG

STANDARD DIM. TOL. IN INCH	
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.X	
.XX	
.XXX	±0.004

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100	100	100

UNIT : INCH [mm]	
SCALE : N/A	
	SIZE : A4

REV. : PA

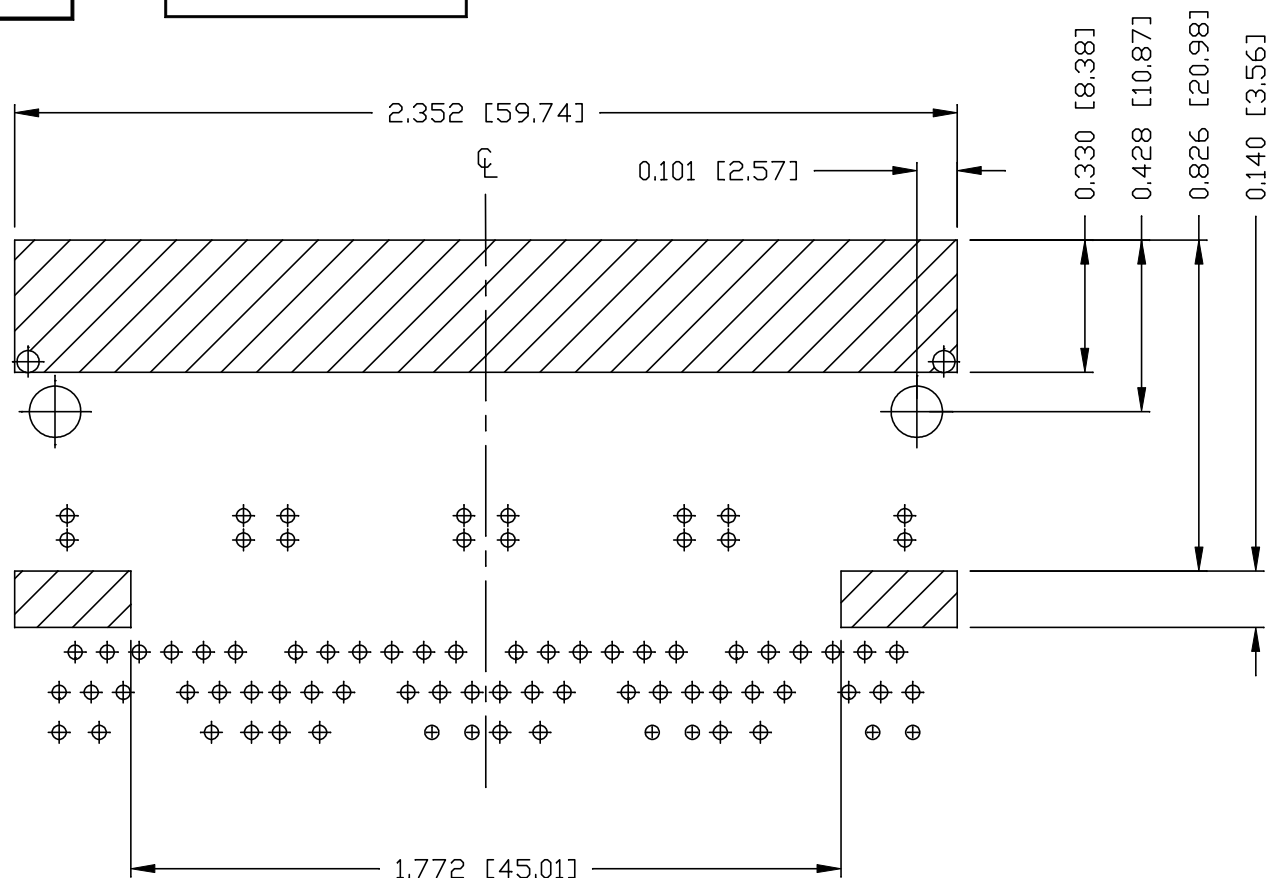
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NOTES:

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

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TOL. IN INCH

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.XX

.XXX

±0.004

[] METRIC DIM.
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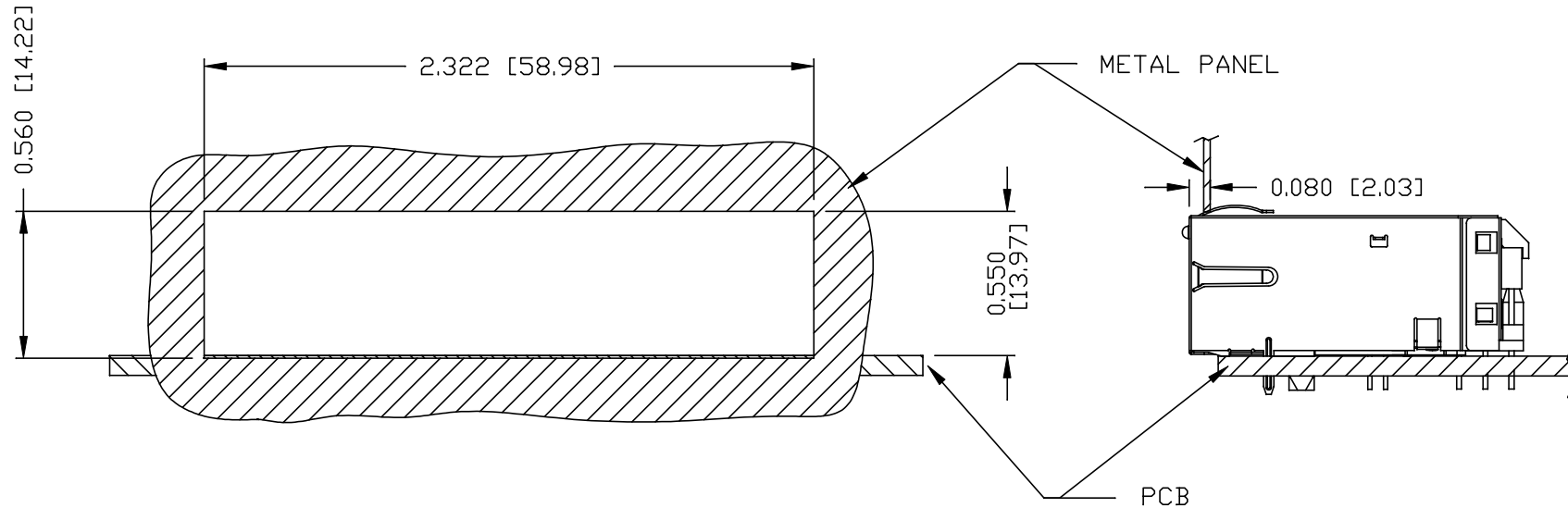
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SUGGESTED PANEL OPENING



NOTES:

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-B4 (TOP)
0200-9999-B5 (BOTTOM)

PACKING QUANTITY : 24 PCS FINISHED GOODS PER TRAY
10 TRAYS (240 PCS FINISHED GOODS) PER CARTON BOX

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

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**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

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Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

Телефон: +7 812 627 14 35

Электронная почта: sales@st-electron.ru

Адрес: 198099, Санкт-Петербург,
Промышленная ул, дом № 19, литера Н,
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