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

PRELIMINARY



ELECTRICAL CHARACTERISTICS @ 25°C

TURNS RATIO

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

DCL @ 100kHz/100mVRMS (4CHANNEL)

11mA DC BIAS 350 μ H 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):
100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 ISOLATION REQUIREMENTS

2250 VDC

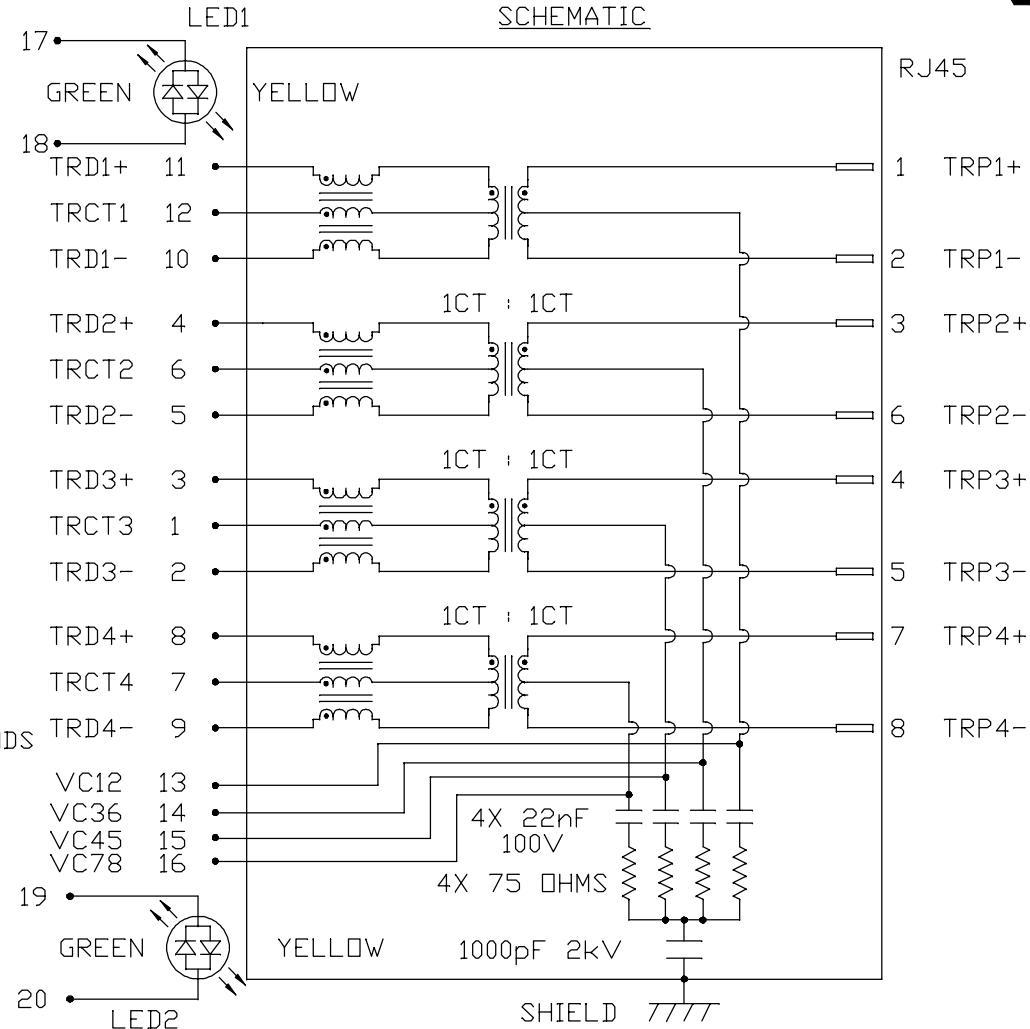
BALANCED DC LINE CURRENT 720 mA MAX. @ 57 VDC CONTINUOUS
1.2 A MAX. @ 57 VDC FOR 200 MILLISECONDS

OPERATING TEMPERATURE: -40°C TO 85°C

LED 1 & LED 2

VF (FORWARD VOLTAGE) IF=20mA	GREEN 2.2V TYP.
	YELLOW 2.1V TYP.
λD (DOMINANT WAVELENGTH) IF=20mA	GREEN 570nm TYP.
	YELLOW 590nm TYP.

OPERATING TEMPERATURE: -40 TO +85°C



REV. : PB PAGE : 2

ORIGINATED BY
CHOW WANCHUNG
DATE 2017-02-22

DRAWN BY
XIE YIMING
DATE 2017-02-22

TITLE
1X4 gigabit MagJack®
(PoE, Extended Temperature)

0826-1C4T-GH-F
PATENTED

PART NO. / DRAWING NO.
08261C4TGH-F

FILE NAME
08261C4TGH-F_PB.DWG

STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REF.
.X	UNIT : INCH [mm]
.XX	SCALE : N/A
.XXX	SIZE : A4



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PRELIMINARY

RoHS

NOTES:

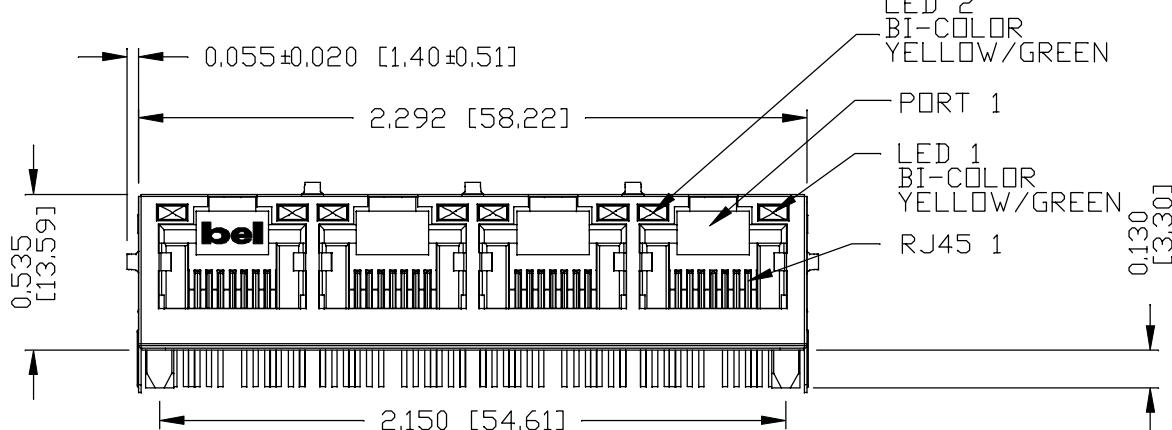
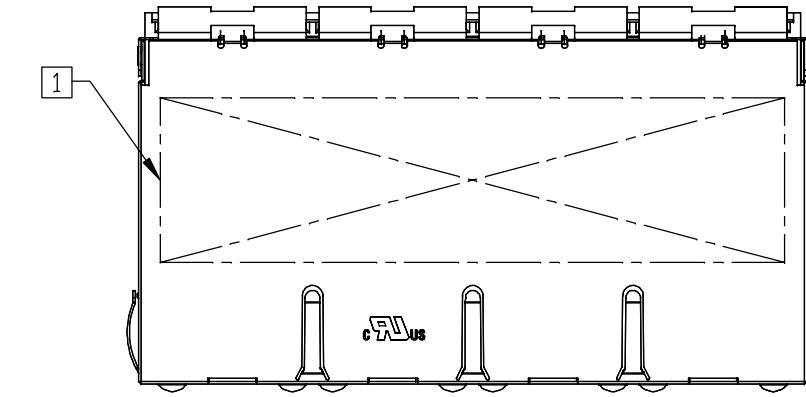
PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK
FLAMMABILITY RATING UL 94V-0

CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATING OR EQUIVALENT.
30 MICRO-INCH MIN NICKEL UNDERPLATE.

PINS: TIN-COATED COPPER WIRE, 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.
2. THE PRODUCT IS RoHS COMPLIANT.

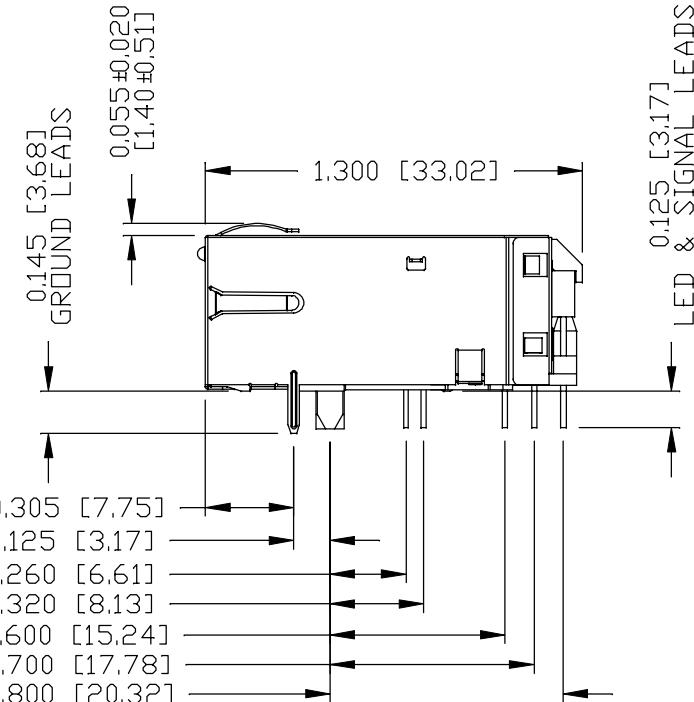


3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

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

 UL RECOGNIZED - FILE #E196366 AND E169987.

5. 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 2017-02-22

DRAWN BY
JESSE LI
DATE 2017-02-22

TITLE
1X4 gigabit MagJack®
(PoE, Extended Temperature)
FILE NAME
08261C4T-GH-F
PATENTED

PART NO. / DRAWING NO.
08261C4T-GH-F
FILE NAME
08261C4T-GH-F_PB.DWG

STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.
.X	/	UNIT : INCH [mm]
.XX	/	SCALE : N/A
.XXX	±0.010	SIZE : A4

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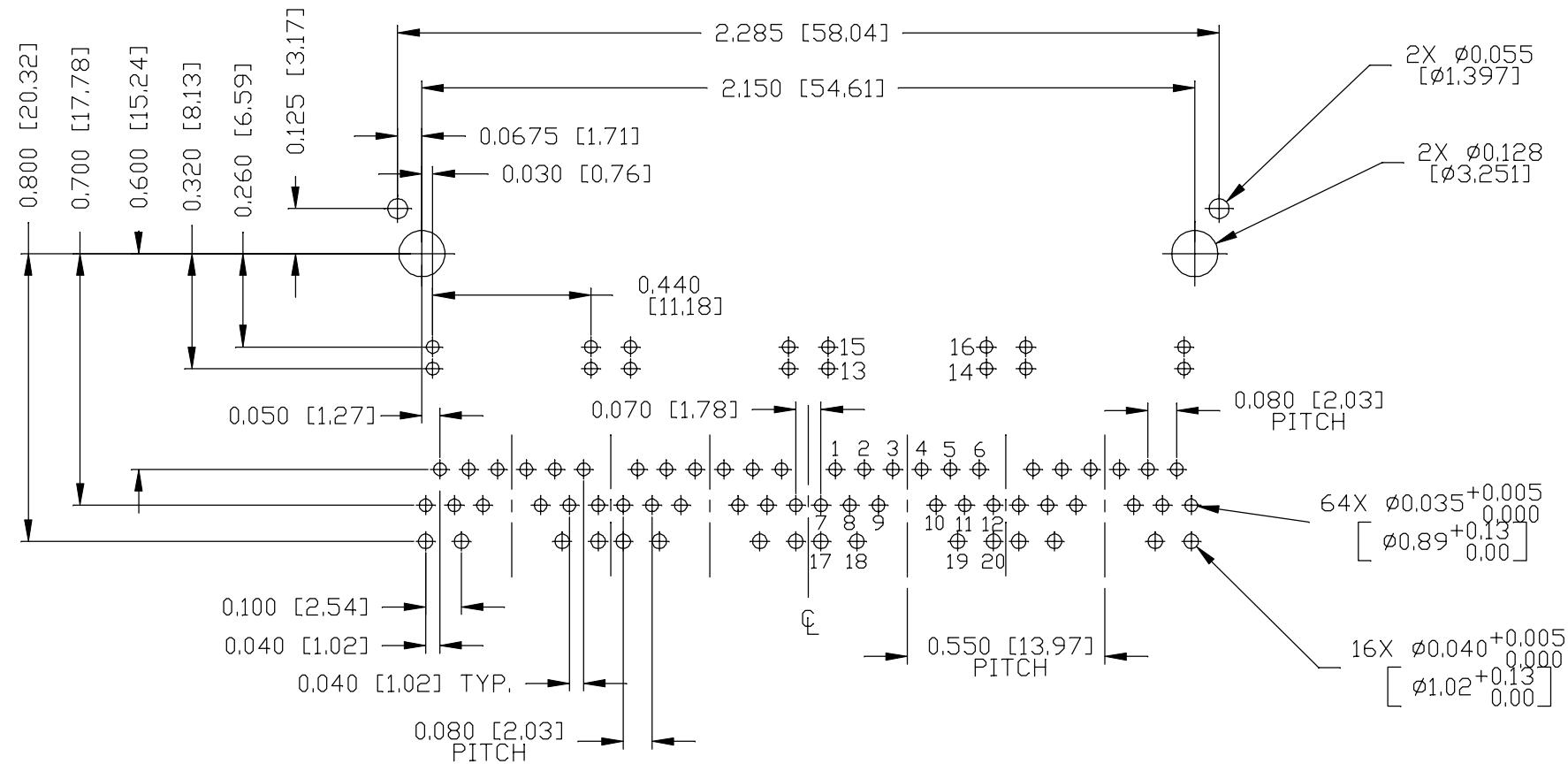
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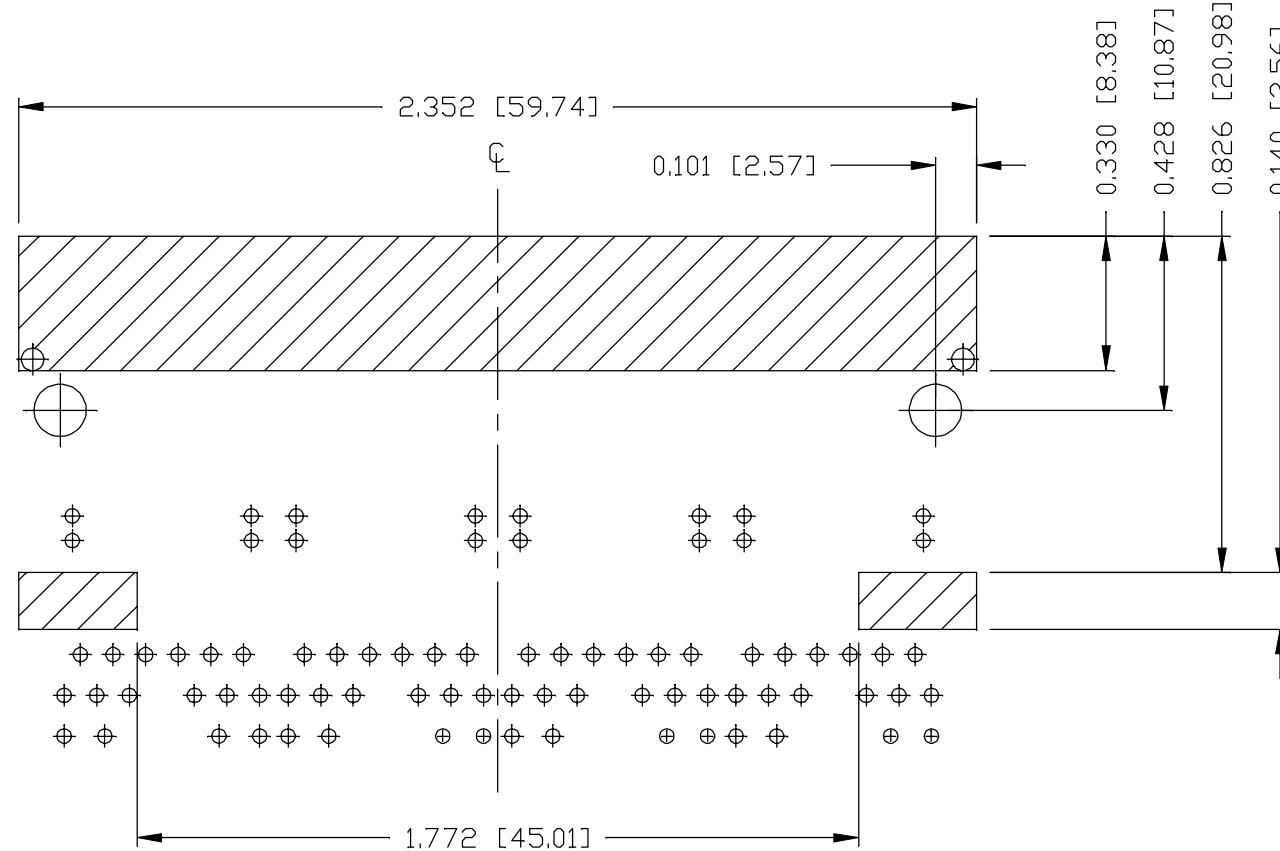
RoHS

RECOMMENDED PCB FOOTPRINT COMPONENT SIDE VIEW



ORIGINATED BY ANTON LIAO DATE 2017-02-22	TITLE 1X4 gigabit MagJack® (PoE, Extended Temperature) 0826-1C4T-GH-F PATENTED	PART NO. / DRAWING NO. 08261C4TGH-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REF.
DRAWN BY JESSE LI DATE 2017-02-22		FILE NAME 08261C4TGH-F_PB.DWG	.X		UNIT : INCH [mm]
			.XX		SCALE : N/A
			.XXX	±0.004	SIZE : A4

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NOTES:

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

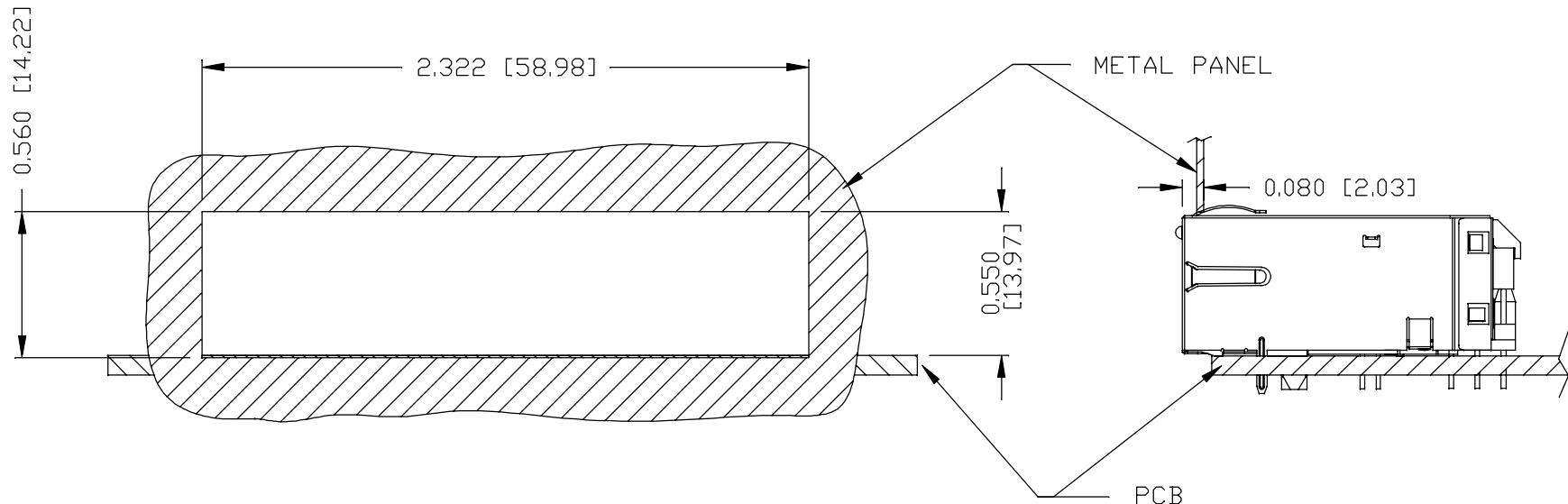
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DRAWN BY JESSE LI DATE 2017-02-22		FILE NAME 08261C4TGH-F_PB.DWG	.X	UNIT : INCH [mm]		
			.XX	SCALE : N/A		
			.XXX	±0.004		SIZE : A4



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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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DRAWN BY JESSE LI DATE 2017-02-22				.X	.XX			
		FILE NAME	08261C4TGH-F_PB.DWG			UNIT : INCH [mm]		
						SCALE : N/A		
						SIZE : A4		



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