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"PROPRIETARY" TO BEL FUSE INC. AND SHALL NOT BE
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WRITTEN APPROVAL OF BEL FUSE INC.

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

RoHS
2002/95/EC



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 350 μ H 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)

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

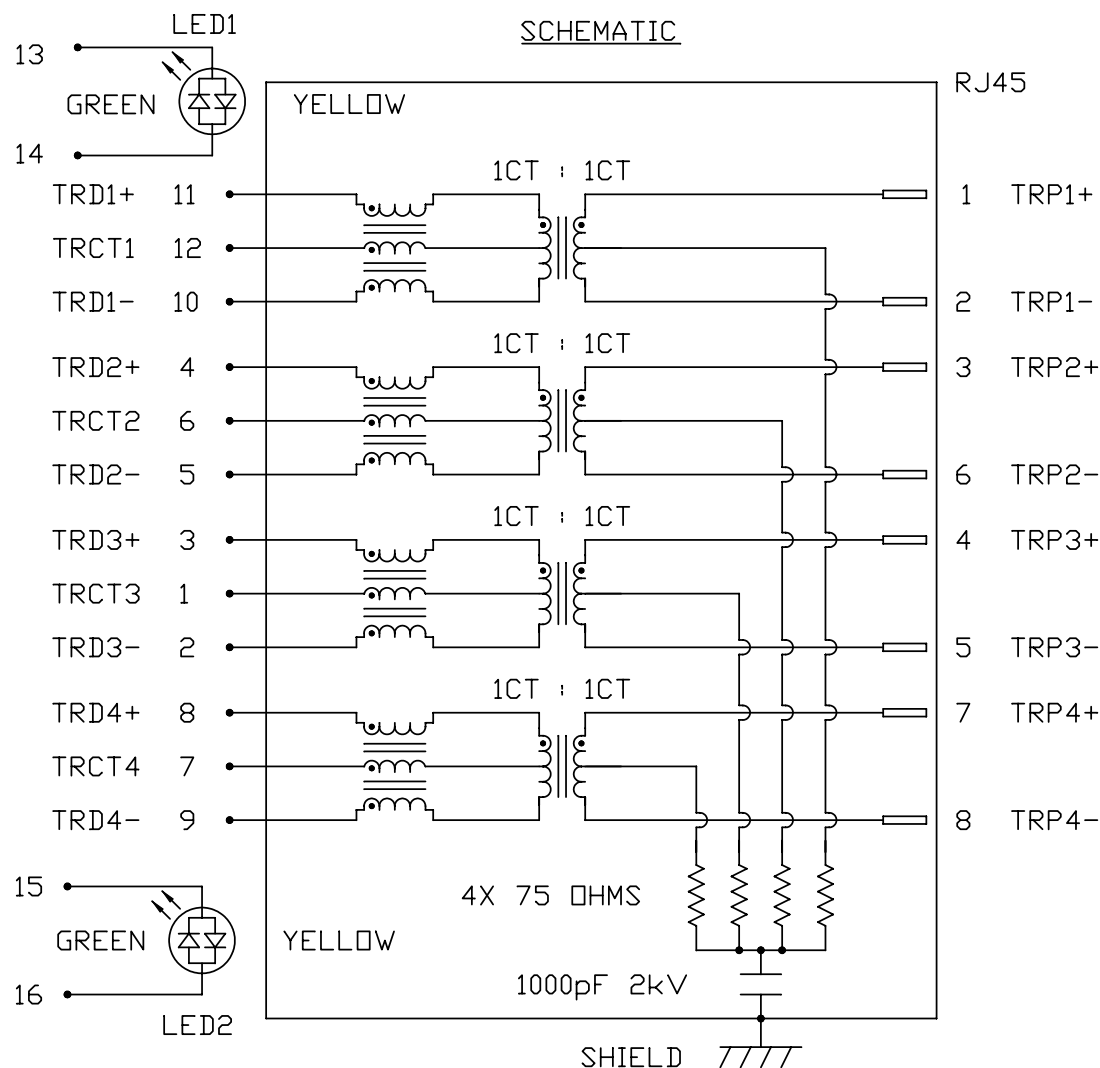
100kHz - 100MHz	-35 dB MIN
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HIPOUT (Isolation Voltage): 1500 Vrms

100% OF PRODUCTION TESTED TO COMPLY
WITH IEEE 802.3 ISOLATION REQUIREMENTS

LED 1 & 2

VF (FORWARD VOLTAGE)	IF=20mA	GREEN	2.2V TYP.
		YELLOW	2.1V TYP.
λ D (DOMINANT WAVELENGTH)	IF=20mA	GREEN	565nm TYP.
		YELLOW	590nm TYP.

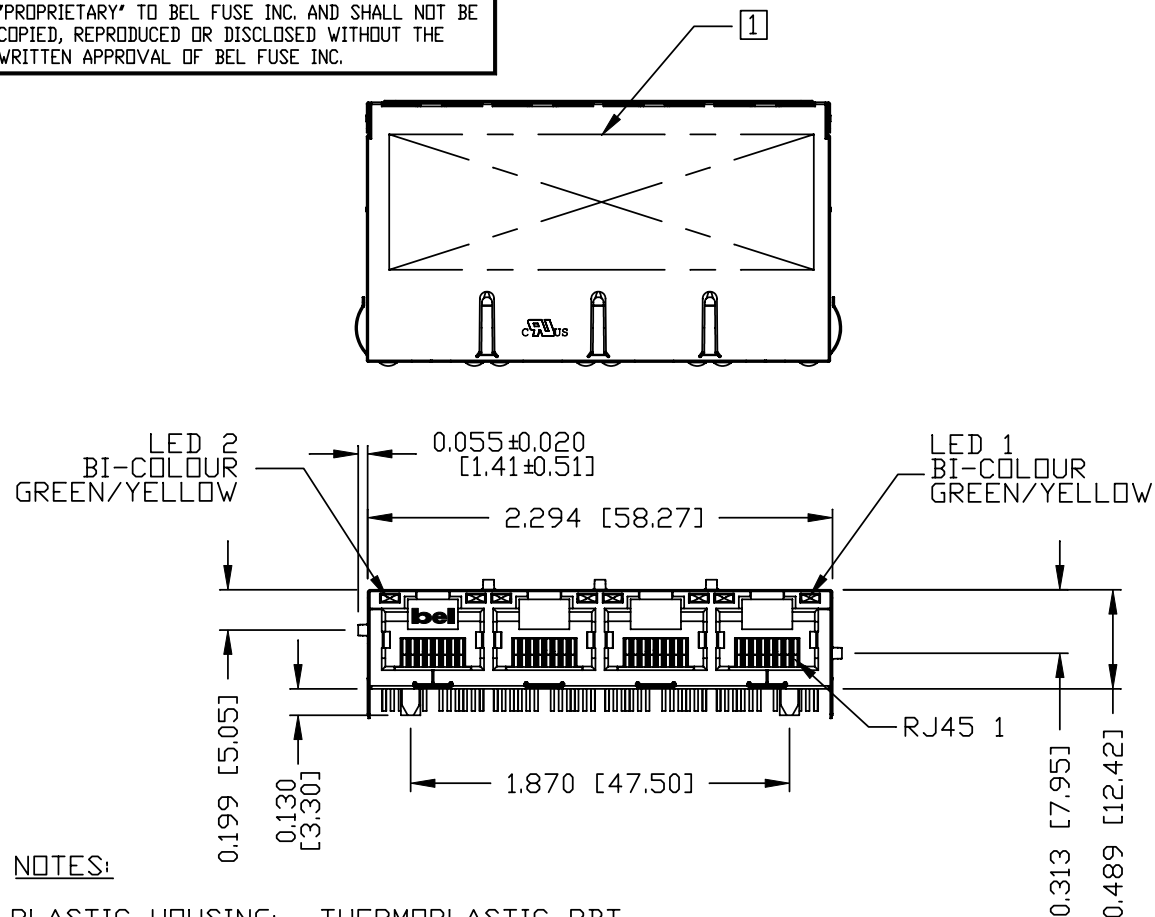


ORIGINATED BY	DATE	TITLE gigabit MagJack® (8 cores, Tab Up) L826-1C4T-43-F	PART NO. / DRAWING NO.	STANDARD DIM.		[] METRIC DIM. AS REFERENCE		 COMPONENTS FOR A CONNECTED PLANET
CHOW WANCHUNG	05-27-10		L8261C4T43-F	TOL. IN INCH		UNIT : INCH [mm] REV. : B		
DRAWN BY	DATE		FILE NAME L8261C4T43-F_B.DWG	.X		SCALE : N/A SIZE : A4		
LEE WEIDE	05-27-10			.XX		PAGE : 2		
				.XXX				



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NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT
FLAMMABILITY RATING UL 94V-0
CONTACTS PLATING: 50 MICRO-INCH HARD GOLD PLATED
PINS: TIN-COATED COPPER WIRE, DIA 0.018 INCH.
METAL SHIELD: NICKLE PLATED ON COPPER ALLOY.
(ALL GROUND LEADS ARE SOLDER DIPPED)

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

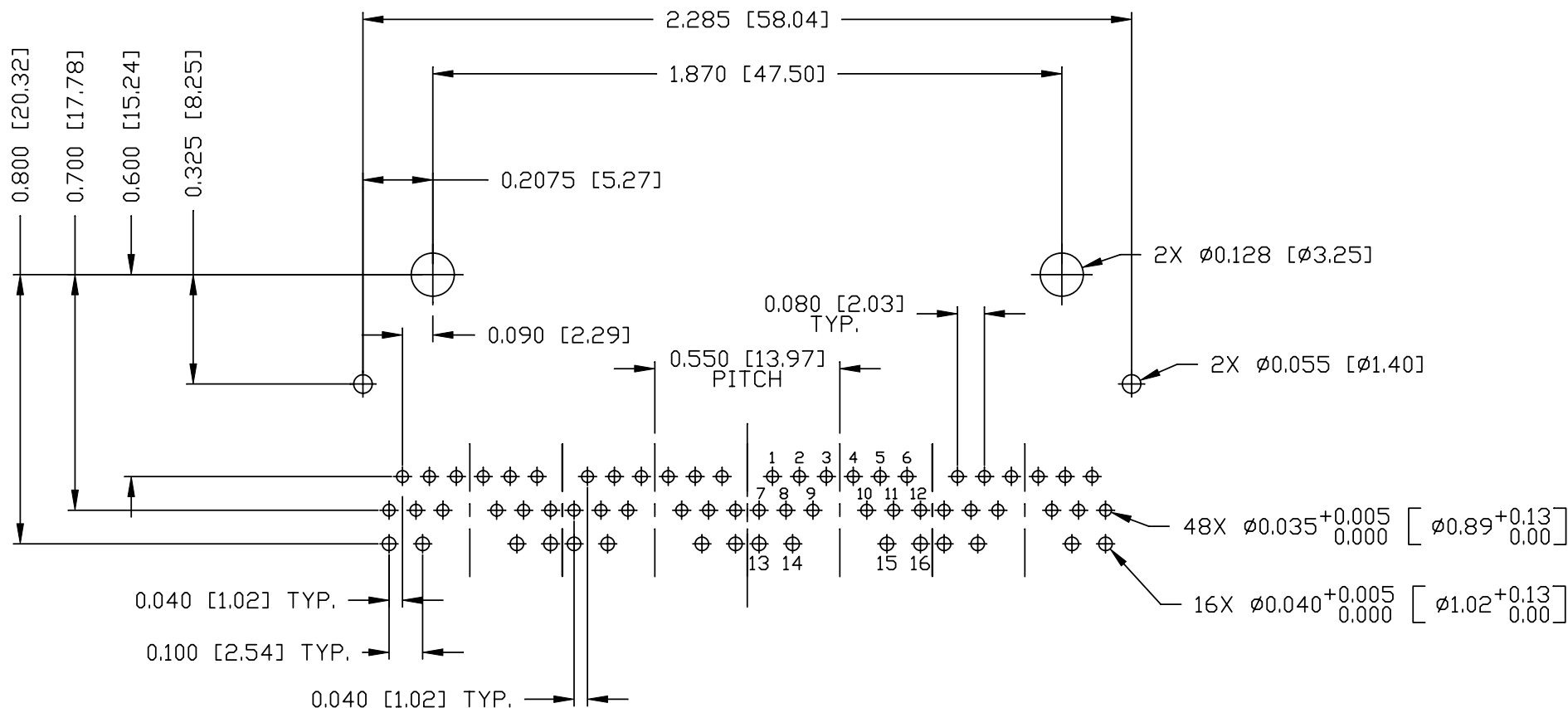
2. RoHS COMPLIANCE, PER EU DIRECTIVE 2002/95/EC.

cULus UL RECOGNIZED - FILE #E196366 AND E169987.
JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS.

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

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE	
ANTON LIAO	05-27-10	gigabit MagJack® (8 cores, Tab Up) L826-1C4T-43-F	L8261C4T43-F		UNIT : INCH [mm]	REV. : B
DRAWN BY	DATE			.X	SCALE : N/A	SIZE : A4
SHAWN FENG	05-27-10			.XX		PAGE : 3
			FILE NAME	.XXX	±0.010	
			L8261C4T43-F_B.DWG			

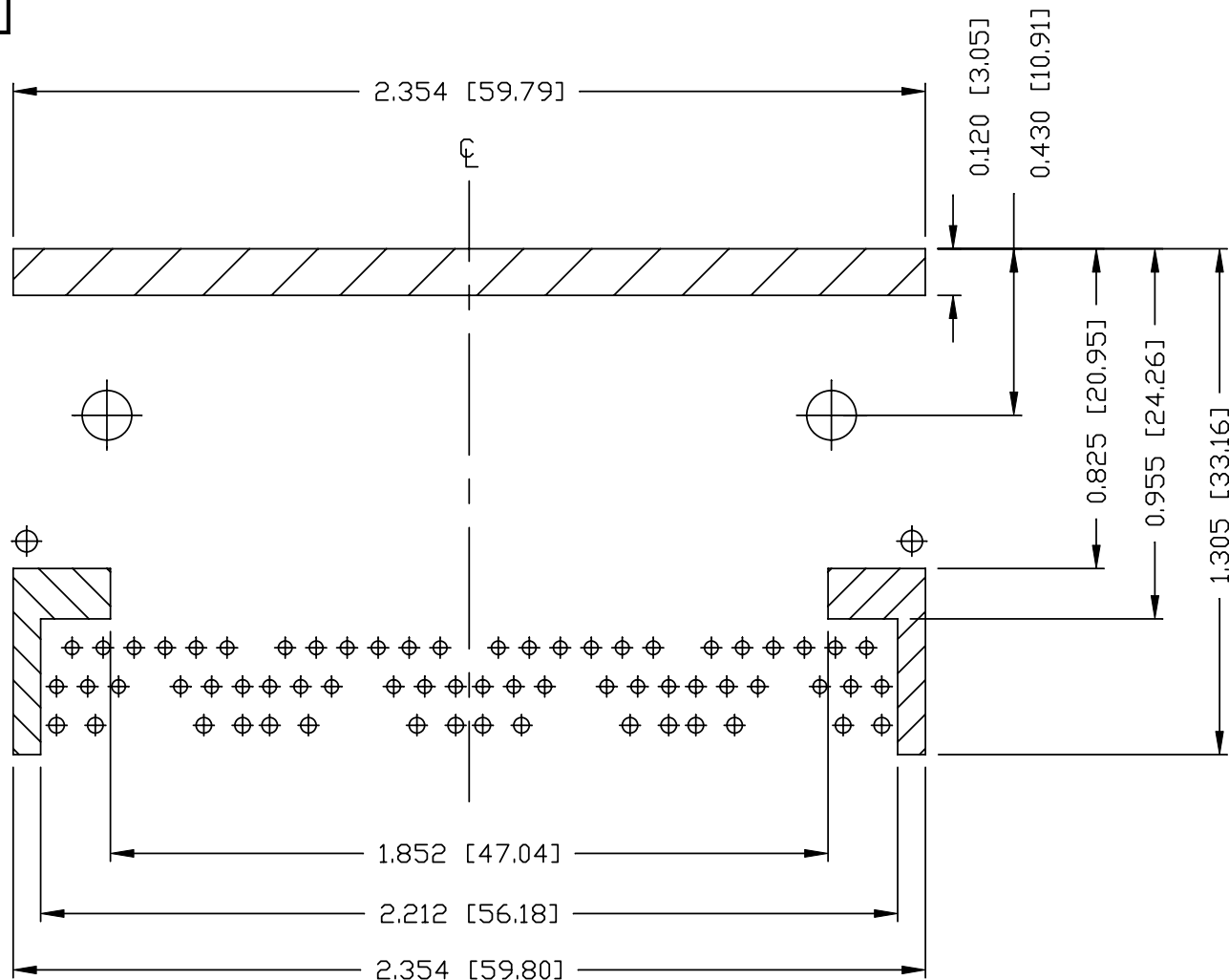
bel
COMPONENTS FOR A
CONNECTED
PLANET



RECOMMENDED PCB FOOTPRINT
(COMPONENT SIDE VIEW)

ORIGINATED BY	DATE	TITLE	PART NO. / DRAWING NO.	STANDARD DIM. TOL. IN INCH	[] METRIC DIM. AS REFERENCE
ANTON LIAO	05-27-10	gigabit MagJack® (8 cores, Tab Up) L826-1C4T-43-F	L8261C4T43-F FILE NAME L8261C4T43-F_B.DWG	.X	UNIT : INCH [mm] REV. : B
DRAWN BY	DATE			.XX	SCALE : N/A SIZE : A4
SHAWN FENG	05-27-10			.XXX	PAGE : 4

RoHS
2002/95/EC

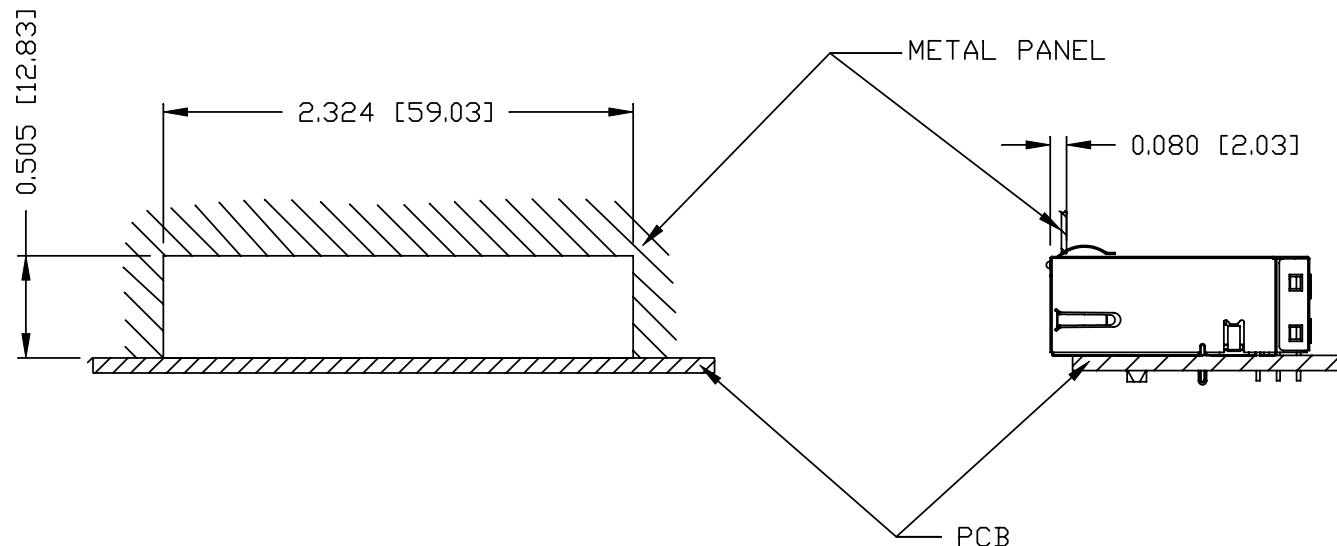


NOTES

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

ORIGINATED BY	DATE	TITLE gigabit MagJack® (8 cores, Tab Up) L826-1C4T-43-F	PART NO. / DRAWING NO. L8261C4T43-F	STANDARD DIM. TOL. IN INCH		[] METRIC DIM. AS REFERENCE		 COMPONENTS OF A CONNECTED PLANET 
ANTON LIAO	05-27-10		FILE NAME L8261C4T43-F_B.DWG	.X		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE			.XX		SCALE : N/A	SIZE : A4	
SHAWN FENG	05-27-10			.XXX	±0.004		PAGE : 5	

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-D3 (TOP)

0200-9999-B5 (BOTTOM)

PACKING QUANTITY: 24 PCS FINISHED GOODS PER TRAY

10 TRAYS (240PCS FINISHED GOODS) PER CARTON BOX

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

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ANTON LIAO	05-27-10		L8261C4T43-F	TOL. IN INCH		UNIT : INCH [mm]	REV. : B	
DRAWN BY	DATE		FILE NAME L8261C4T43-F_B.DWG	.X		SCALE : N/A	SIZE : A4	
SHAWN FENG	05-27-10			.XX			PAGE : 6	
				.XXX				
				±0.004				