



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

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Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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RoHS



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

ELECTRICAL CHARACTERISTICS @ 25°C

URNS RATIO

TP1	1CT : 1CT ±2%
TP2	1CT : 1CT ±2%
TP3	1CT : 1CT ±2%
TP4	1CT : 1CT ±2%

QCL @ 100kHz/100mVRMS

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)

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

CROSS TALK

100kHz - 100MHz -33+20LOG(f/100MHz)dB MIN

CM TO CM REJ

100kHz - 100MHz -30 dB MIN

CM TO DM REJ

100kHz - 100MHz -35 dB MIN

HIPOT (Isolation Voltage):

1500 Vrms or 2250VDC

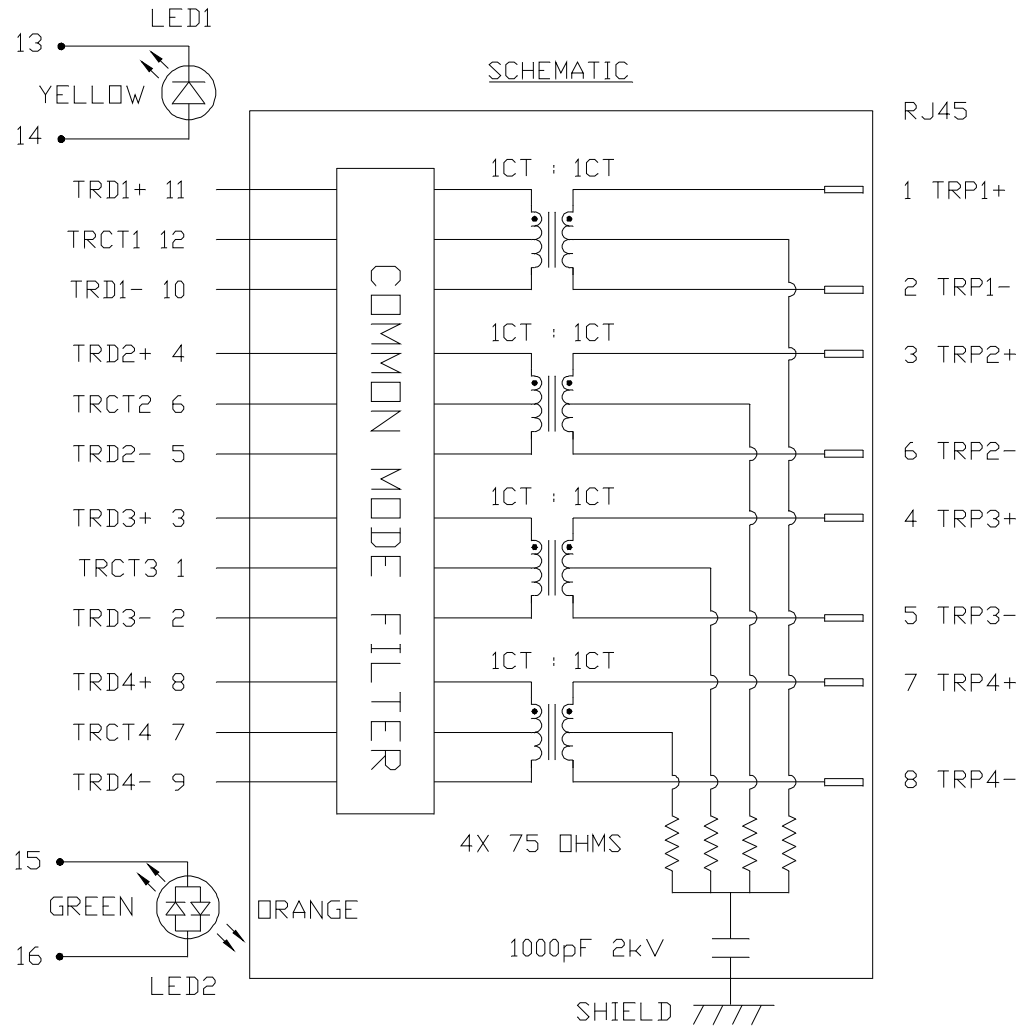
LED 1

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	570nm TYP.
		ORANGE	605nm TYP.

OPERATING TEMPERATURE: 0°C TO +70°C.



REV. : C PAGE : 2

ORIGINATED BY CHOW WANCHUNG DATE 2017-05-25	TITLE 1X2 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1X2T-43-F PATENTED	PART NO. / DRAWING NO. 08261X2T43-F	STANDARD DIM. TOL. IN INCH	[ ] METRIC DIM. AS REF.	<p>a bel group</p>
DRAWN BY XIE YIMING DATE 2017-05-25	FILE NAME 08261X2T43-F_C.DWG	.X	UNIT : INCH [mm]	SCALE : N/A	
		.XX		SIZE : A4	
		.XXX			

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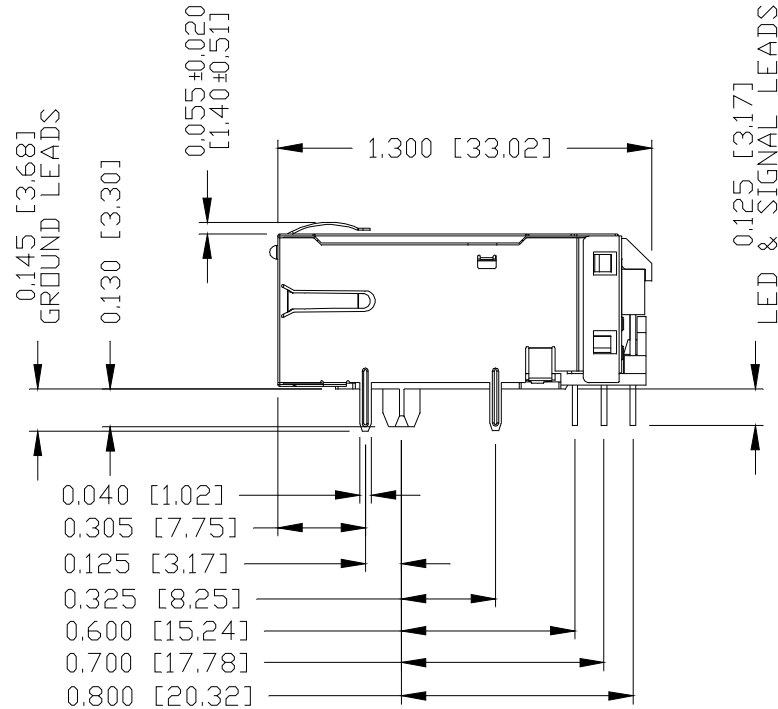
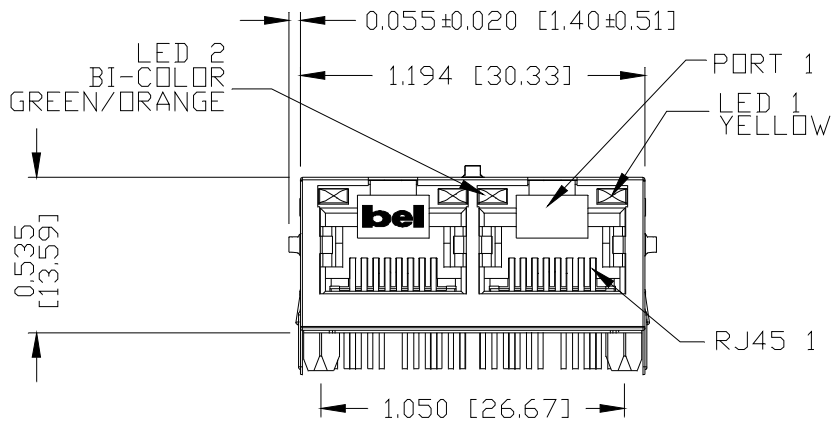
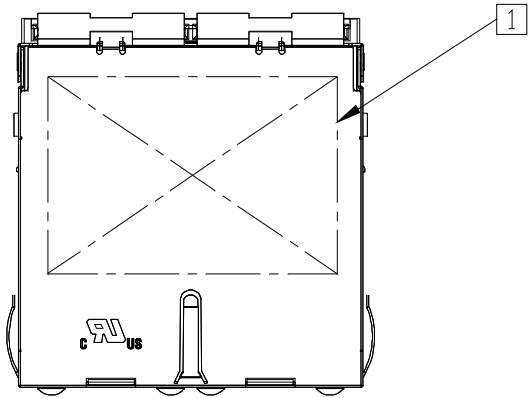


NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK  
 FLAMMABILITY RATING UL 94V-0  
 CONTACTS PLATING: 30 MICRO-INCH HARD GOLD PLATING  
 OR EQUIVALENT.  
 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, PART NUMBER, DATE CODE, MFG NAME AND PATENTED.

UL RECOGNIZED - FILE #E196366 AND E169987.



2. THE PRODUCT IS RoHS COMPLIANT.
3. JACK CAVITY CONFORMS TO FCC RULES AND REGULATIONS, PART 68 SUBPART F.
4. THE PRODUCT IS PATENTED, THE PATENT NUMBER IS U.S. PAT. 7,123,117.
5. THE PART IS RECOMMENDED FOR WAVE SOLDERING. THE SUGGESTED PEAK WAVE SOLDERING CONDITION IS 260°C MAX AND 10 SECONDS MAX.

REV. : C PAGE : 3

ORIGINATED BY  
ANTON LIAO  
DATE 2017-05-25  
DRAWN BY  
JESSE LI  
DATE 2017-05-25

TITLE  
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(TAB-UP WITH LEDS)  
0826-1X2T-43-F  
PATENTED

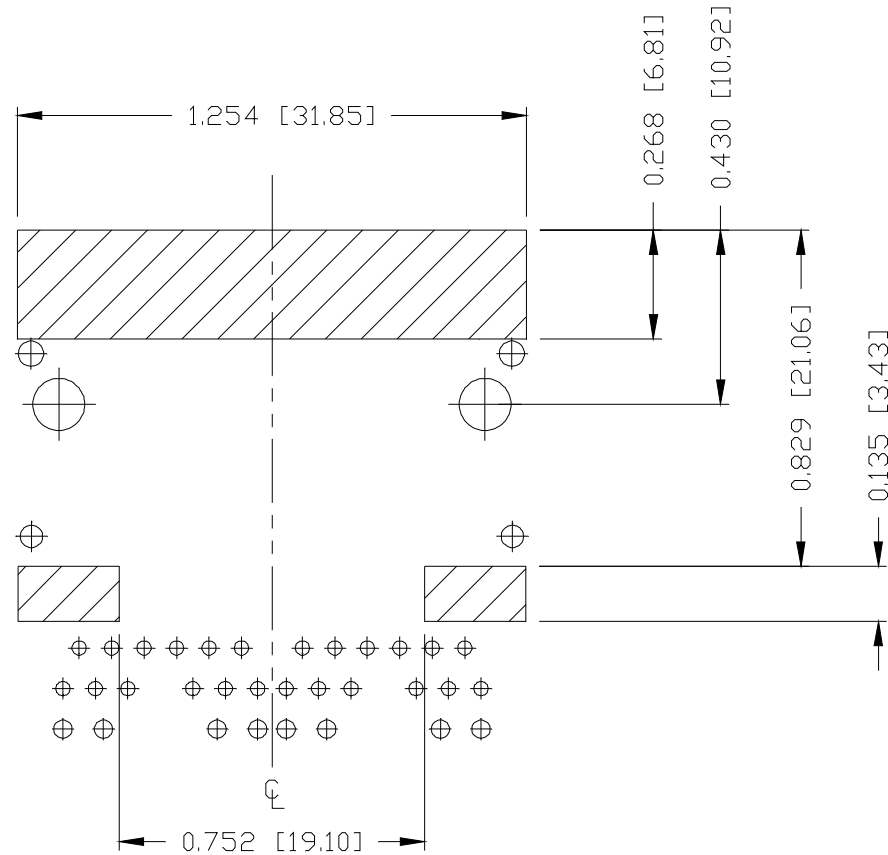
PART NO. / DRAWING NO.  
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FILE NAME  
08261X2T43-F\_C.DWG

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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NOTES

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

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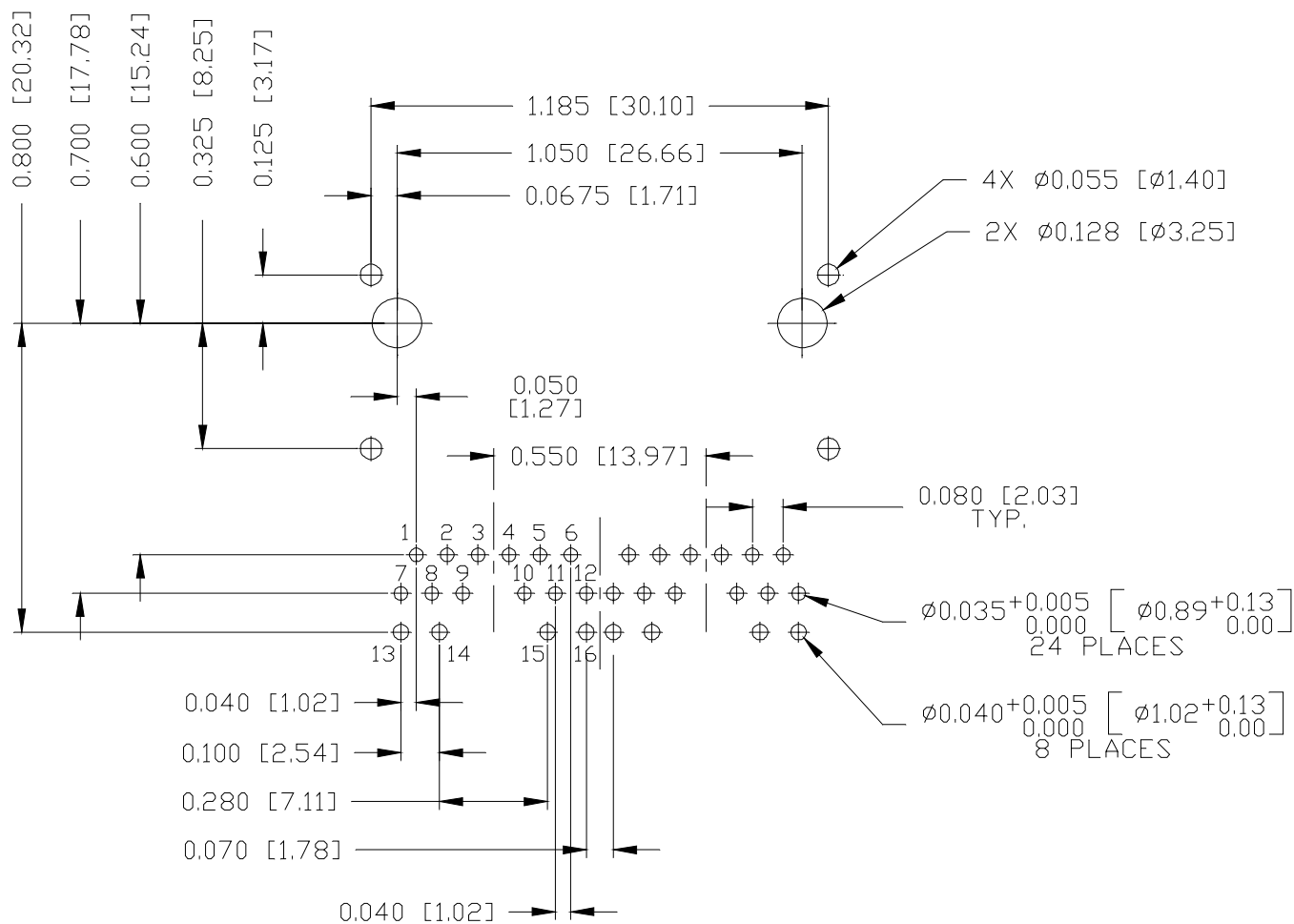
.X		UNIT : INCH [mm]
.XX		SCALE : N/A
.XXX	±0.004	SIZE : A4

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RECOMMENDED PCB FOOTPRINT  
COMPONENT SIDE VIEW

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.XXX ±0.004	SIZE : A4

REV. : C PAGE : 5

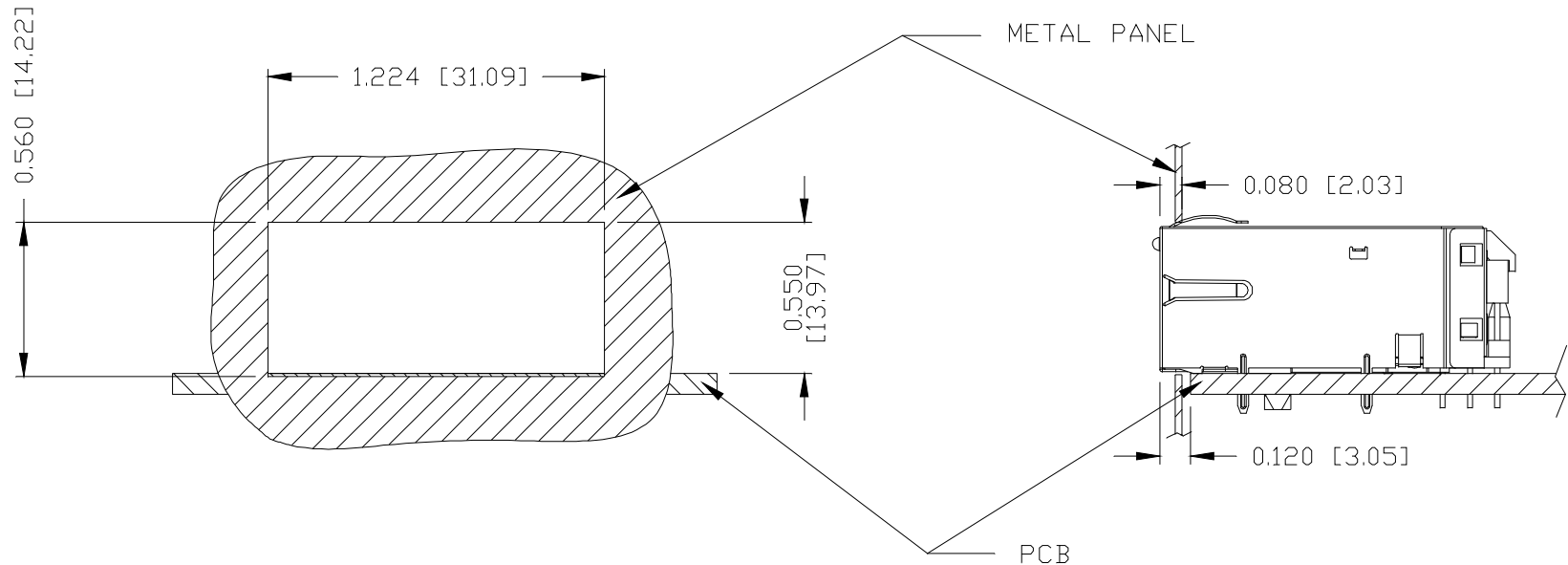


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SUGGESTED PANEL OPENING



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-I1 (TOP)  
0200-9999-I2 (BOTTOM)

PACKING QUANTITY: 49 PCS FINISHED GOODS PER TRAY  
7 TRAYS (343 PCS FINISHED GOODS) PER CARTON BOX.

NOTE: CARDBOARD ARE PLACED BETWEEN LAYERS OF PACKING TRAY INSIDE CARTON BOX.  
(INCLUDE THE UPPERMOST AND LOWEREST TRAY)

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