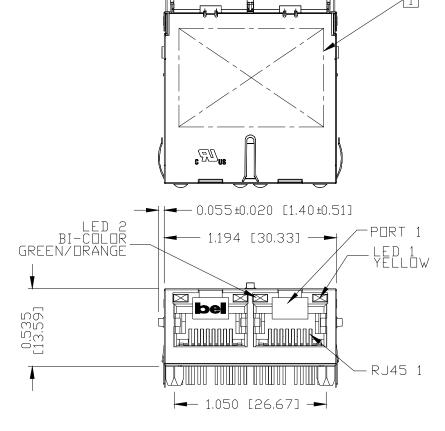


WINT FERT IN TING VINE OF DEE 1 03E 1	10.							
LED1 POLARITY		_ED2 POLARITY	LE	N1				•
PIN 13 PIN 14 CO	LOR PIN :	15 PIN 16 COLOR	13 •					
-   +   YEL	.L□W +	-   ORANGE				SCHEMATIC		
	_	+ GREEN	YELLOW (Z	Z)				¬ RJ45
ELECTRICAL CHARACTE	ERISTICS @	25°C	14 •					1.0 10
TURNS RATIO			TRD1+ 11			1CT : 1CT		1 TRP1+
TP1		1CT : 1CT ±2%	I K D1 1 11			2116		1 IRFIT
TP2		1CT : 1CT ±2%	TRCT1 12					
TP3		1CT : 1CT ±2%				<b>Σ</b> ΙΙ <b>ζ</b>		
TP4		1CT : 1CT ±2%	TRD1- 10	-			$-\!$	2 TRP1-
□CL @ 100kHz/100mVR	2MS					1CT : 1CT		
8mA DC BIAS		350µH MIN.	TRD2+ 4		$\rightarrow$			3 TRP2+
INS. LOSS						ŽIIĞ		
0.1MHz TO 1MHz		-1.1 dB MAX	TRCT2 6	-		$\longrightarrow$ $\parallel$ $\vdash$		
1MHz T□ 65MHz		-0.5 dB MAX	TDD0 -			ار ال		6 TRP2-
65MHz TO 100MHz		-0.8 dB MAX	TRD2- 5					6 IRPZ-
100MHz TO 125MHz		-1.2 dB MAX				1CT : 1CT		
RET. LOSS (MIN)		40	TRD3+ 3				$\longrightarrow \!$	4 TRP3+
0.5MHz-40MHz		-18 dB	TD0T0 4			3  £		
40MHz-100MHz		-12+20L0G(f/80MHz) dB	TRCT3 1					
CROSS TALK		00 00 55 (0 (400) (1 ) 10	MIN TRD3- 2					5 TRP3-
100kHz - 100MHz		$-33+20L\square G(f/100MHz)dB$	MIN TRES E					
CM TO CM REJ						1CT : 1CT		7 7004
100kHz - 100MHz		-30 dB MIN	TRD4+ 8		─			7 TRP4+
CM TO DM REJ			TRCT4 7					
100kHz - 100MHz		-35 dB MIN	11/014 /			3  {		
HIPOT (Isolation Vol-	tage):	1500 Vrms or 2250VDC	TRD4- 9		— / · · · ·		$\longrightarrow$	8 TRP4-
LED 1 VF (FORWARD VOL	TACE	IF=20mA YELLOW 2.1V TY	/D				}	
AD (DUMINANT WAY)	IAUE) /FI ENGTU\	IF=20mA YELLOW 2.1V 11	T. 45			4X 75 DHMS	<b>\$ \$ \$ \$</b>	
LED 2	LLLINGIII	II -EONA TELLEW SOONIN	15 • 15 •				<b>~ ? ? ?</b>	
VF (FORWARD VOL	TAGE)	IF=20mA GREEN 2.2V T	YP. GREEN (£	J) Inra	ANGE			
VI CICHIND VILL	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DRANGE 2.0V T)		<b>又人</b>  ""	III	1000 F 0	1 1	
/AD (DOMINANT WAV	(ELENGTH)	IF=20mA GREEN 570nm	TYP, 16 •			1000pF 2	:'K∨ —	
		ORANGE 605nm	TYP, LE	D2 🗀				_1
						SHI	ELD ////	
OPERATING TEMPERA	ATURE: 0°C	T□ +70°C.				ſ		D. 47
			I	1			REV. : C	PAGE: 2
	TITLE	_	PART NO. / DRAWING NO.	STANDAR		METRIC DIM.	454	
CHOW WANCHUNG	1X2	' gigabit MagJack®	08261X2T43-F	TOL. IN	INCH A	AS REF.	AND THE REAL PROPERTY AND THE PROPERTY A	
<b>date</b> 2017-05-25	(T,	AB-UP WITH LEDS)		.x	IINIT	: INCH [mm]		MAGNETIC
DRAWN BY		0826-1X2T-43-F	FILE NAME					SOLUTIONS
XIE YIMING		PATENTED	000/1/01/0 5 00//	.XX		E : N/A	a bel gr	oup
DATE 2017-05-25		IHILINILD	08261X2T43-F_C.DWG	.xxx /	′  ⊕ -[	⇒ size : a4	-	



- 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.

NOTES:

PLASTIC HOUSING: THERMOPLASTIC PBT, BLACK

FLAMMABILITY RATING UL 94V-0

CONTACTS PLATING: 30 MICRO-INCH HARD GOLD PLATING

OR EQUIVALENT

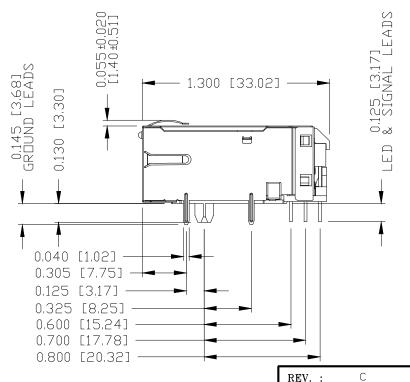
TIN-COATED COPPER WIRE, DIA 0.018 INCH. 100 MICRO-INCH MIN MATTÉ TIN. PINS ARE SOLDER DIPPED. PINS:

NICKEL PLATED ON COPPER ALLOY. METAL SHIELD:

(ALL GROUND LEADS ARE SOLDER DIPPED) MARK PART WITH MFG LOGO, PART NUMBER, DATE CODE,

MFG NAME AND PATENTED.

LE UL RECOGNIZED - FILE #E196366 AND E169987.





1X2 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1X2T-43-F PATENTED

PART NO. / DRAWING NO. 08261X2T43-F FILE NAME .XX 08261X2T43-F C.DWG

[ ] METRIC DIM. STANDARD DIM TOL. IN INCH AS REF. UNIT : INCH [mm] SCALE: N/A  $| \oplus |$ ∃ISIZE : A4 ±0.010

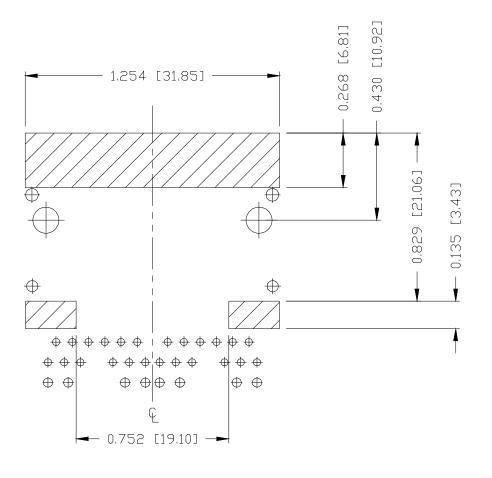


PAGE:

3

RoHS





## NOTES

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

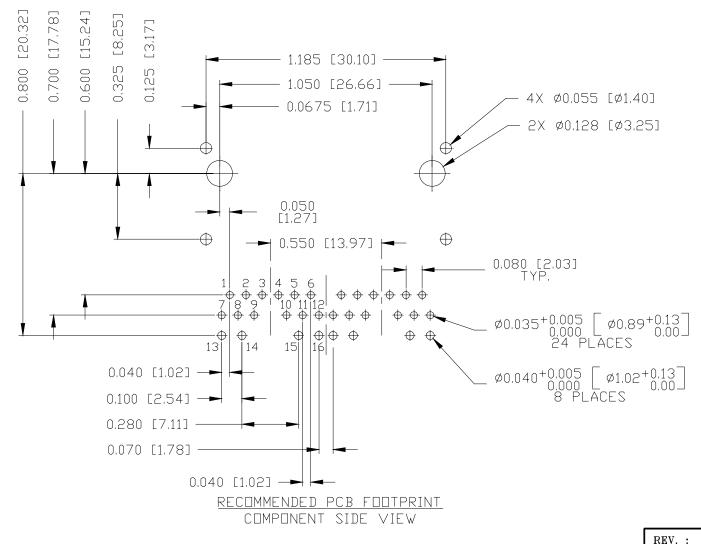
ORIGIN	TITLE	
ANTO		
DATE	2017-05-25	
DRAWN BY		_
DRAWN	BY	
DRAWN JESSI		

1X2 gigabit MagJack®
(TAB-UP WITH LEDS)
0826-1X2T-43-F
PATENTED

	PART NO. / DRAWING NO.	T NO. / DRAWING NO. STANDARD DIM. TOL. IN INCH		[ ] METRIC DIM.			
	08261X2T43-F			AS REF.			
	FILE NAME	.X		UNIT : INCH [mm]			
		.XX		SCALE : N/A			
	08261X2T43-F_C.DWG	.XXX	±0.004	SIZE : A4			







ORIGINATED BY
ANTON LIAD
DATE 2017-05-25

DRAWN BY
JESSE LI
DATE 2017-05-25

1X2 gigabit MagJack® (TAB-UP WITH LEDS) 0826-1X2T-43-F PATENTED 
 PART NO. / DRAWING NO.
 STANDARD DIM.
 [ ] METRIC DIM.

 08261X2T43-F
 TOL. IN INCH
 AS REF.

 .X
 UNIT: INCH [mm]

 .XX
 SCALE: N/A

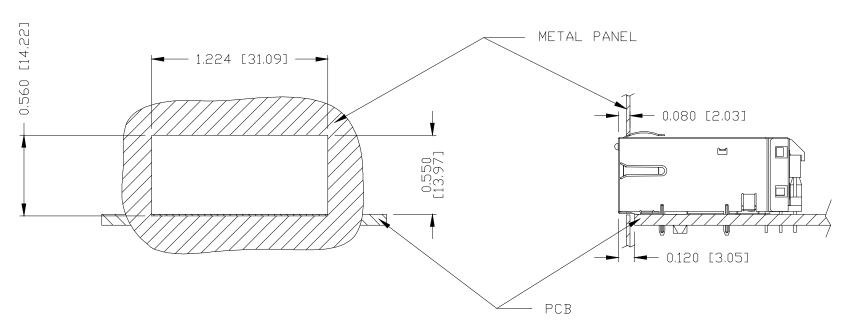
 .XXX
 ±0.004
 SIZE: A4

REV. : C PAGE : 5

MAGNETIC SOLUTIONS
a bel group

## 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)

						L.`
	TITLE	PART NO. / DRAWING NO.	STAND	ARD DIM.	[ ] METRIC DIM.	Γ
ANTON LIAO	1X2 gigabit MagJack®	08261X2T43-F	TOL.	IN INCH	AS REF.	ı
DATE 2017-05-25	(TAB-UP WITH LEDS)		v		UNIT : INCH [mm]	ı
DRAWN BY	0826-1X2T-43-F	FILE NAME	,A	/	SCALE : N/A	ı
JESSE LI	PATENTED	08261X2T43-F_C.DWG	.XX			ı
DATE 2017-05-25		00E01//E1 10 1 _C.D.W.d	.XXX	±0.004	SIZE : A4	乚

