1	2	3	4			6	7	8
							REV. Change Content	Date
							A Initial Release	FEB.09.2018
							B Change The Housing	JUL.15.2020
NOTES: UNLESS	OTHERWISE SPECIFIED							
1. THIS COMP	ONENT CONFORMS TO UL60950).	5	MATERIAL				
		ECN	APPROVAL:	5-1. HOUSING: THERMOP	LASTIC UL 94	V-0. LCP, BLAC	К	
	THIS COMPONENT IS RECOGNIZ MORE SAFETY AGENCIES SUCH	ED BI UNE UR	PPROVAL:	5-2. CONTACT BASE MA	TERIAL: PHOSE	PHOR BRONZE		
	CSA AND/OR TUV. ALL ENGIN			5-3. CONTACT UNDERPL	ATE: 50-90 MI	CROINCHES DUC	TILE NICKEL	
	MUST HAVE PRIOR APPROVAL	BY THE DESIGN		5-4. CONTACT PLATING	: GOLD,30 MICF	ROINCHS MIN IN	CONTACT AREA	
	CENTER QUALITY DEPARTMENT AGENCY COMPLIANCE.	FOR SAFELY		5-5. CONTACT STRUCTL	JRE: SECONDAR	Y BEND		
				5-6. SIGNAL SOLDER P	INS: TIN PLAT	ED		
2.				5-7. METAL SHIELD: 50	-100 MICROINC	HES NICKEL PLA	ATING ON COPPER AI	LLOY
NOTICE: T	HIS IS A ROHS COMPLIANT			5-8. SHIELD PIN: SOLD	ER WITH MATT	ETIN		
0	COMPONENT/PRODUCT.		^					
	ALL ENGINEERING CHANGES /UST HAVE PRIOR APPROVAL		6	JACK CAVITY CONFORM!	S TO FCC RUL	ES AND REGULA	TIONS PART 68 SUE	BPART F
	BY THE DESIGN CENTER,		7	PCB PLATING: EG (TOP				
				ENIG (B	OTTOM PCB)			
			8	JEDEC MOISTURE: LEVE	L 1.			
3. ELECTRICAL	CHARACTERISTICS:		9	REVISION: MX1,MX2,	ARE PRELIM			
3-1. VOLTA	GE RATING: 48 ∨DC MAXIMUM		,					
3-2. INSULA	ATION RESISTANCE: 500 MEGADI	HMS MINIMUM						
4. MECHANICAL								
	FORCE: 5 POUNDS MAXIMUM W							
	SSEDAT AN ADVANTAGEDUS AN							
	ING FORCE: 5 POUNDS MAXIMUM							
	SSEDAT AN ADVANTAGEDUS AN							
	RETENTION FORCE: 10 POUNDS							
	LITY (MATING/UNMATING): 7500							
	ION FORCE OF PCB RETENTION		1AX					
4-4. OPERAT	ING TEMPERATURE RANGE: 0 T	□ +70°C						
4-5. STORAC	5E TEMPERATURE RANGE: -40 T	□ +85°C						
4-6. SOLDER	CONDITION: WAVE SOLDER 26	5±5°C FOR 10 SECON	DS MAX					
					UNITS			
				X. <u>±0.50</u> [.020] X.°±1	LINCIN	NAME(INTENDED USE)	CZT	
				.X ±0.35 [.014] .X ° ± 1°		CUSTOMER	C YI HUA COMMUNICATED	CONNECTOR CO., LTD.
				.XX ±0.25 [.010] .XX° ± 1°	, N/A	PART NO.(INTENDED U	RJ45 CONNECT \	₩/TRANSFORMER
				.XXX ±0.10 .XXX [.004] .XXX°±1*	, FINISH	JDG21185000	J 2X1,W/D LED,5G	
				THESE DRAWINGS AND SPECIFICATIONS	ARE THE N/A	APPD: TOPUP.LIL	J DWG ND.:	
				PROPERTY OF YI HUA COMMUNICATED CI CO., LTD. AND SHALL NOT BE REPRODUC COPIED OR USED IN ANY MANNER WITH	сер Q'ТҮ	CHKD: SUNWENQI		ALE SHEET RE∨.
				PRIDE WRITTEN CONSENT OF YI HUA COMMUNICATED CONNECTOR CO., LTD.	N/A	DR:		/A 1/5 B

REV. Change Content Date

7

SEE SHEET 1/5

8

VCC 9 -1CT:1CT CH4+ 8 0-—○ 7 MX4+ T4 agains E T4' لىسا JULm СН4- 7 — — 8 MX4-B 1CT:1CT СН3+ 6 ○— لسنا w m РСВ СН3- 5 0-SIDE 1CT:1CT —∘ 3 MX2+ SIDE CH2+ 4 ↔ لسنا w. m Ē СН2- 3 0-—0 6 MX2-1CT:1CT CH1+ 2 -لنبينا w m CH1- 1 0-— 2 MX1-_____2*0.1uF ≷ 75 OHM D 1000pF GND 10 0-2KV TSS 14 - \Box SHIELD F

2

13

14

Δ

2

ELECTRICAL CHARACTERISTICS AT +25°C UNLESS OTHERWISE SPECIFIED (FOR REFERENCE ONLY. USED FOR CUSTOMER INFORMATION.) MEETS IEEE 802.3 SPECIFICATION

PARAMETER	SPECIFICATIONS						
TURNS RATIO	1.00 ± 2%						
POLARITY	PER SCHEMATIC						
	1-50MHz	50	1–125MHz	125-250MHz			
INSERTION LOSS	-0.5 dB MIN	-1	.0 dB MIN	-1.5 dB MIN			
RETURN LOSS	1-40 MHz		40-250 MHz				
	-20 dB MIN		-20+12.5*Log10(f/40) dB MIN				
CROSSTALK ADJACENT	1-150 MH:	Z	150-250 MHz				
CHANNELS	-30 dB M	IN	-20 dB MIN				
COMMON MODE	1-100 MHz	2	100-500 MHz				
REJECTION RATIO	-30 dB MI	N	-25 dB MIN				
DIFFERENTIAL MODE	1-100 MHz	100-2	DO MHz	200-500 MHz			
TO COMMON MODE ATTENTUATION	-30dB MIN	-25dI	3 MIN	-20db MIN			
INDUCTANCE (OCL)	120 uH MIN MEASURED AT 100 KHz,100mVRMS						
INPUT – OUTPUT ISOLATION	2250 VDC MINIMUM FOR 60 SECONDS						

NOTE: f IS FREQUENCY IN MHz.

5

Х.	±0.50 [.020]	X.°±1°	UNITS mm [INCH]	NAME(INTENDED USE)		CZT				
.x	±0.35 [.014]	.X ° ± 1°	MAT'L	CUST	DMER	YI HUA COMMUNICATED CONNECTOR CO., LTD.				
.XX	±0.25 [.010]	.XX°±1°	N/A	PART NO.(INTENDED USE)		TITLE: RJ45 CONNECT W/TRANSFORMER,				
.xxx	±0.10 [.004]	.XXX°±1°	FINISH	JDG211850000		2X1,W/O LED,5G Base-T				
THESE DRAWINGS AND SPECIFICATIONS ARE THE PROPERTY OF YI HUA COMMUNICATED CONNECTOR CO. LTD. AND SHALL. NOT BE REPRODUCED COPIED OR USED IN ANY MANGER VITHOUT THE PRIDR WRITTEN CONSETTOR YI HUA COMMUNICATED CONNECTOR CD., LTD.		2	APPD: TOPUP.LIU		DWG ND.:					
		Ω΄ΤΥ Ν∕Α	CHKD: SUNWENQUN DR:		SCALE SHEE	SHEET	RE V.			
					\bigcirc	N/A	2/5	В		
5		'E	>		7			18		





