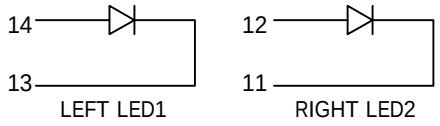
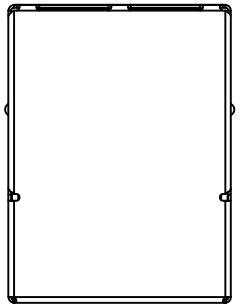
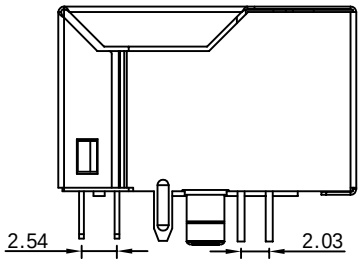
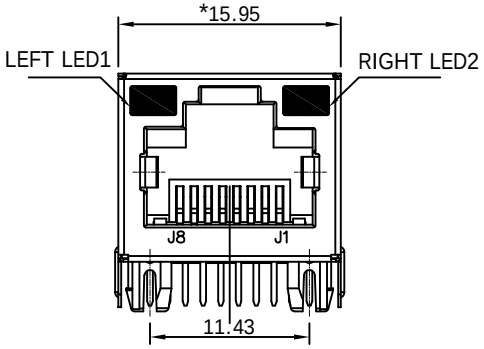
RoHS COMPLIANT

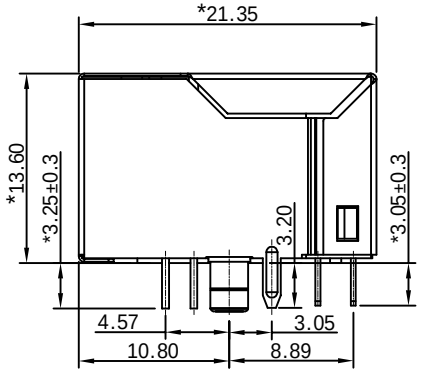


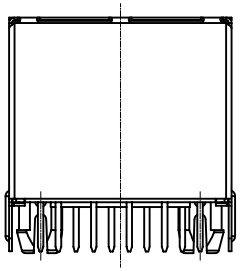


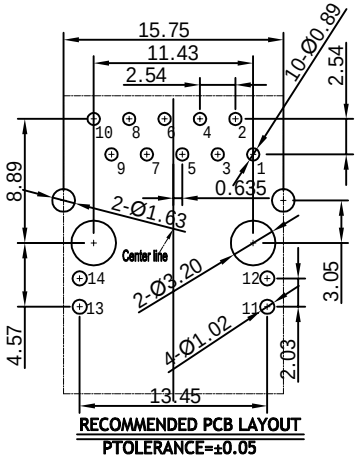
MATERIAL:
HOUSING : PBT,UL94V-0,BLACK.
TERMINALS BRACKET:PBT,UL94V-0,BLACK.
SHIELD: C2680,T=0.20MM,NICKEL PLATING ON ALL AREA.
TERMINAL: PHOSPHOR BRONZE C5210,T=0.35MM,
6U" GOLD PLATING ON CONTACT AREA.
MECHANICAL:
DURABILITY : 750 CYCLES MIN.
MATING FORCE : 23N MAX.
OPERATING TEMPERATURE: -40°C~+85°C.
STORAGE TEMPERATURE: -40°C~+85°C.
ALL CRITICAL DIMENSIONS WITH "*"

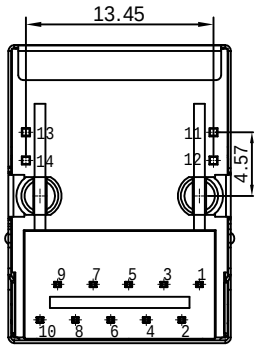












Part number Information:

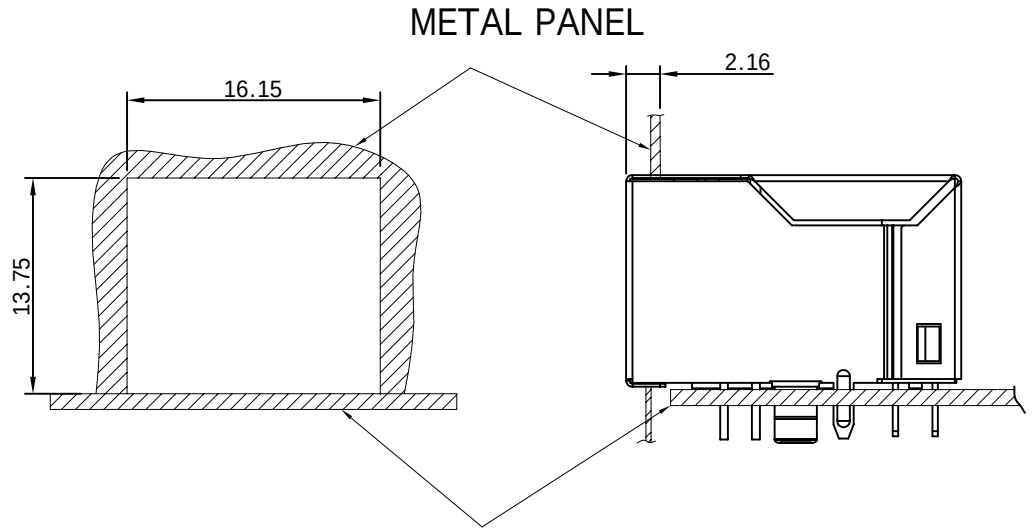
DW-RJ45-D2.5G01893-06 TP -XX

Terminal Plating
01:Gold Flash Plating on Mating Area
03:3u" Gold Plating on Mating Area
06:6u" Gold Plating on Mating Area
15:15u" Gold Plating on Mating Area
30:30u" Gold Plating on Mating Area
TP:Tray Packing
Series
01:W/O LED
02:LED1 GREEN LED2 YELLOW
03:LED1 YELLOW LED2 GREEN

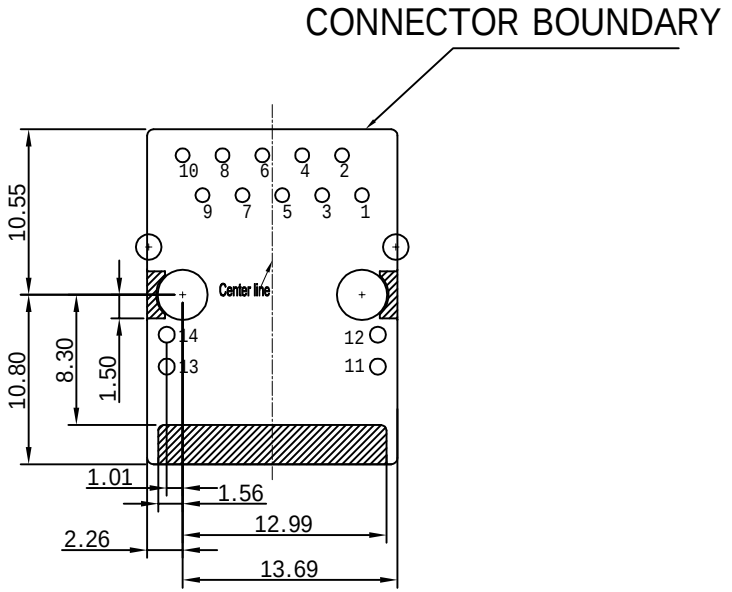
						Angle	±2°	DESIGN	Aple	2022.12.03		龍威電子有限公司 Dragon Well Ele Dragon Well Electronics Co.,Ltd
						X.	±0.40	CHECK	Jason	2022.12.03		
						X.X	±0.35					TITLE: TAB-UP 1X1 2.5G
	A-0	2022.12.03	NEW	Michael	Rix	X.XX	±0.30	APPROVAL	Rix	2022.12.03		MODEL NO. DW-RJ45-D2.5G01893-06TP-XX
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED		SCALE: N/A	UNIT:mm	A4	SHEET: 1 of 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETAPY TO DRAGON WELL AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

RoHS COMPLIANT

RECOMMENDED PANEL CUTOUT(REFFERENCE ONLY):

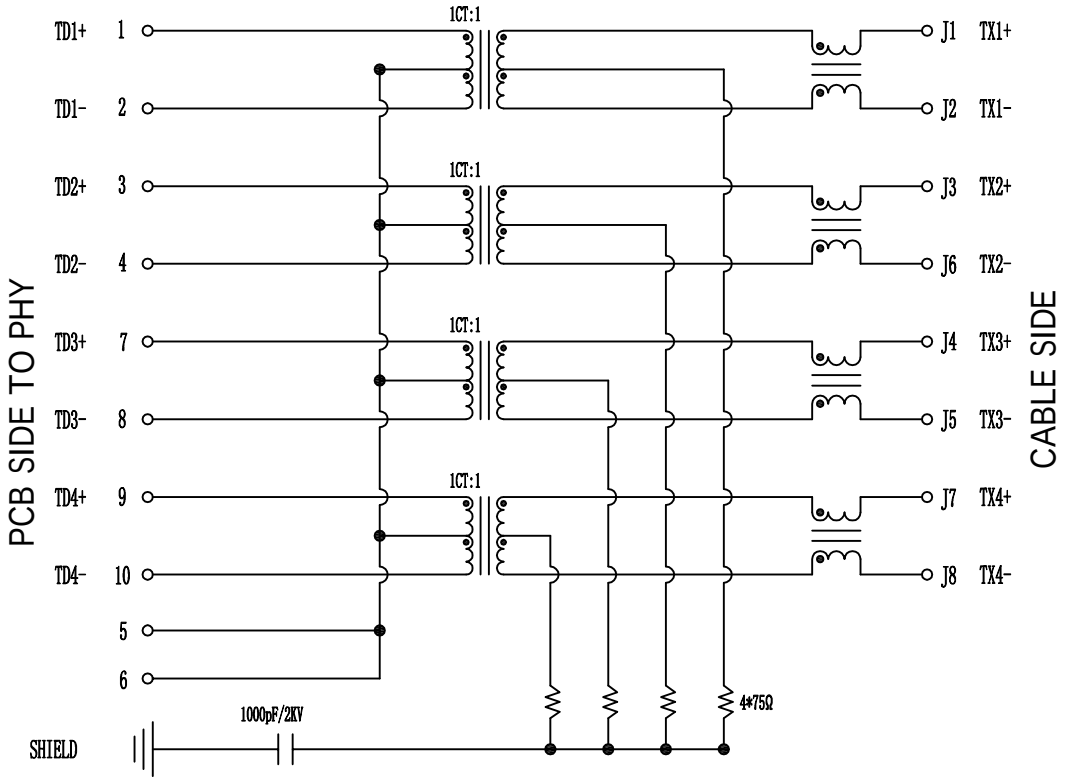


KEEP-OUT AREA(COMPONENT SIDE VIEW):



						Angle	±2°	DESIGN	Aple	2022.12.03		龍威電子有限公司 Dragon Well Ele Dragon Well Electronics Co.,Ltd
						X.	±0.40	CHECK	Jason	2022.12.03		
						X.X	±0.35					TITLE: TAB-UP 1X1 2.5G
———	A-0	2022.12.03	NEW	Michael	Rix	X.XX	±0.30	APPROVAL	Rix	2022.12.03		MODEL NO. DW-RJ45-D2.5G01893-06TP-XX
ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.	GENERAL TOLERANCE UNLESS OTHERWISE NOTED		SCALE: N/A	UNIT:mm	A4	SHEET: 2 of 4	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETAPY TO DRAGON WELL AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

RoHS COMPLIANT



Electrical:

1.Turn ratio:1~2:J1~J2=1CT:1CT(±2%).
3~4:J3~J6=1CT:1CT(±2%).
7~8:J4~J5=1CT:1CT(±2%).
9~10:J7~J8=1CT:1CT(±2%).
2.OCL:180uH Min.@ 100KHz 0.1V.
3.Insertion Loss:-1.0 dB Max 1~125MHz.
4.Return loss:-20dB Min 1 ~ 40MHz;
$-20+15LOG_{10}(f/40MHz)$Min 40~200MHz.
5.Cross talk: -30dB Min 1~125MHz.
6.CMR: -30dB Min 30~200MHz;
7.Hi-Pot: 2250V DC 6S 1mA PRI TO SEC

LED Specification

Standard LED Color	LED Wavelength	Foward(A)	Foward(V)
Green	568nm	20mA	1.85-2.45V
Yellow	585nm	20mA	1.7-2.2V

ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.
————	A-0	2022.12.03	NEW	Michael	Rix

GENERAL TOLERANCE UNLESS OTHERWISE NOTED	
Angle	±2°
X.	±0.40
X.X	±0.35
X.XX	±0.30

DESIGN	Aple	2022.12.03
CHECK	Jason	2022.12.03
APPROVAL	Rix	2022.12.03

SCALE: N/A UNIT:mm A4 SHEET: 3 of 4

龍威電子有限公司
Dragon Well Ele Dragon Well Electronics Co.,Ltd

TITLE:	TAB-UP 1X1 2.5G
MODEL NO.	DW-RJ45-D2.5G01893-06TP-XX

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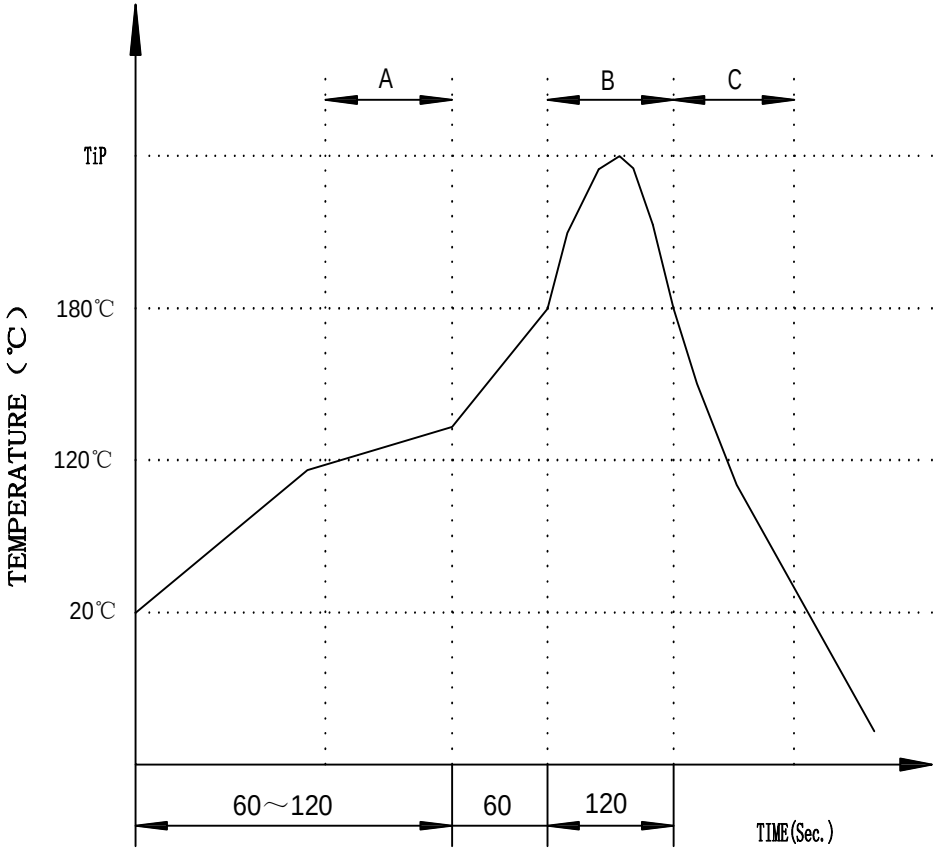
PROFILE OF WAVE SOLDER



A.Preheating B.Soldering C.Gradual Cooling
Tip temperature:260±5˚C.
Tip temperature time:5Sec Max.
Tip melting point of Sn96.5/Ag3/Cu0.5:217˚C.

Remarks: after wave soldering, the plastic positioning columns of the product which under the PCB will be slightly melted, but it won't affect its function.

ECN NO.	REV	DATE	DESCRIPTION	CHANGE	APPRO.
	A-0	2022.12.03	NEW	Michael	Rix

GENERAL TOLERANCE UNLESS OTHERWISE NOTED

Angle	±2°
X.	±0.40
X.X	±0.35
X.XX	±0.30

DESIGN	Aple	2022.12.03
CHECK	Jason	2022.12.03
APPROVAL	Rix	2022.12.03

SCALE: N/A UNIT:mm A4 SHEET: 4 of 4

龍威電子有限公司 Dragon Well Ele Dragon Well Electronics Co.,Ltd

TITLE:	TAB-UP 1X1 2.5G
MODEL NO.	DW-RJ45-D2.5G01893-06TP-XX

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