

1 2 3 4 5

A

B

C

D

E

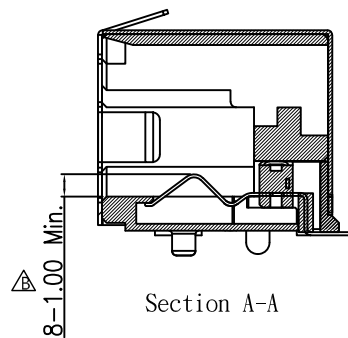
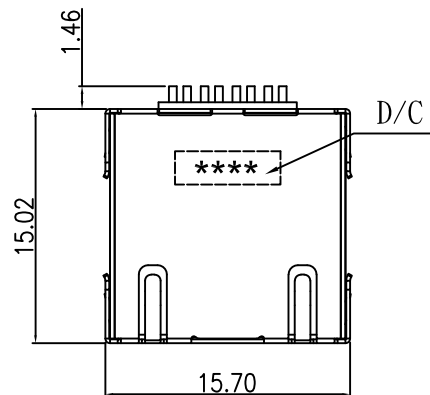
A

B

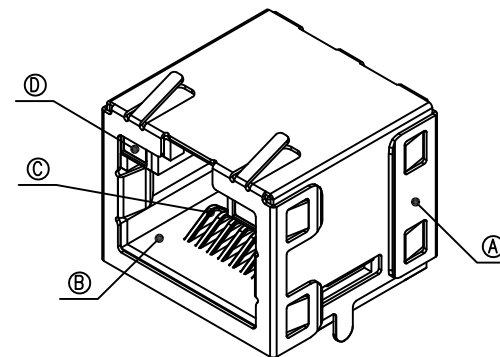
C

D

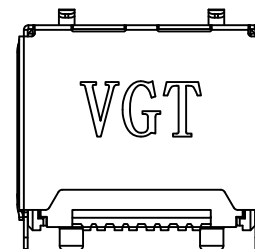
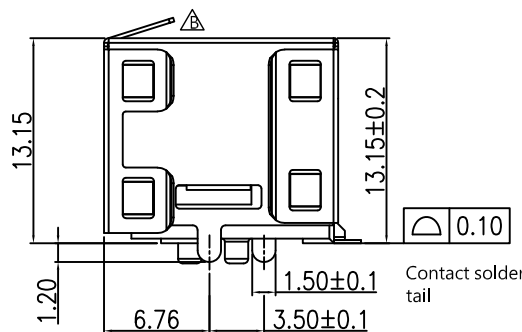
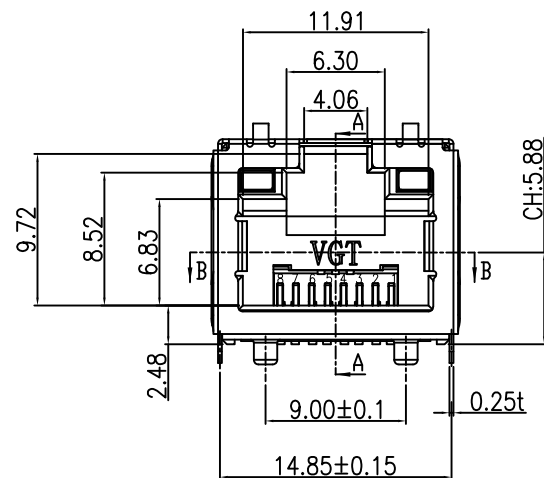
E



Section A-A



PART NUMBER : JCN-C71W-1VAC-XXR1



Plastic Color:
A=Blue
B=Black

Gold Plating:
G=Gold Flash
A=3u"
B=6u"
C=10u"
D=15u"
E=30u"

Package:
R=Taping Reel
T=Tray
U=Tube

NOTES:

1.ELECTRICAL:

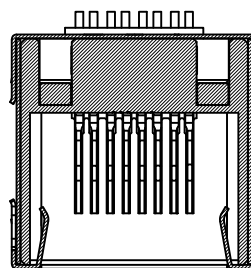
- 1.1 Voltage Rating:125VAC RMS.
- 1.2 Current Rating:1.5 AMP.
- 1.3 Contact Resistance:30mΩ Max.
- 1.4 Insulation Resistance:1000MΩ Min. @500VDC.
- 1.5 Dielectric Strength:1000VAC RMS 60Hz,1MIN.
- 1.6 Operating:750 Cycles Min.

2.Mechanical:

- 2.1 Housing Material:High Temp,UL94V-0.
- 2.2 Insert Material:Glass Filled Polyester UL94V-0.
- 2.3 Shield Material:Copper Alloy 0.25mm Thickness Nickel Plating.
- 2.4 Contact Material:Phosphor Bronze 0.35mm Thickness.
- 2.5 Plating:Gold Plating Over Nickel.
- 2.6 PCB Retention PRE-Solder:1LBs Min.
- 2.7 PCB Retention POST-Solder:10LBS Min.

3.ENVIRONMENTAL:

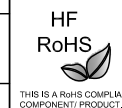
- 3.1 Storage:-40°C TO +85°C.
- 3.2 Operation:-40°C TO +85°C.



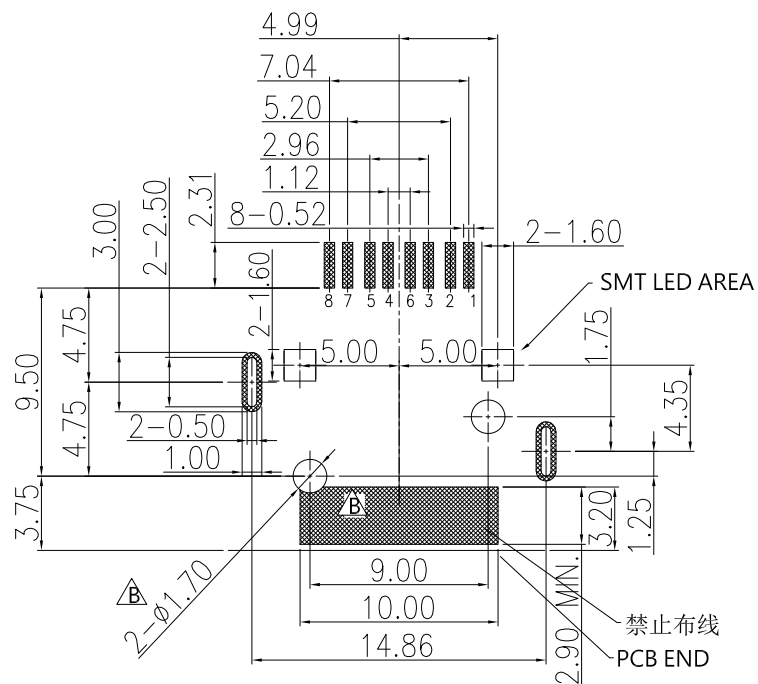
Section B-B

CHECKED UNA		NAME RJ45 Cat7/Cat6A,H=13.15mm,With LENS,2-DIP H=1.20mm,Receptacle		PART NO. JCN-C71W-1VAC-XXR1	
APPROVED KL		SCALE NA		DOC. NO. JCN-C71W-1VAC-XXR1	
REV. B		UNLESS OTHERWISE SPECIFIED TOLERANCE		Material/Plated/Notes	
		Dimension Range	Tolerance	① SHIELD : STAINLESS STEEL/NICKEL PLATING	
		X.X	±0.35	② HOUSING : HIGH TEMPERATURE PLASTIC	
		X.XX	±0.25	③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.	
		X.XXX	±0.15	④ LENS : HIGH TEMPERATURE PLASTIC	
		ANGLE	±5°		
		SIZE	SHEET		
		A4	1/4		

△ B	新增端子避位槽/鐵殼彈片改直	UNA	071324
△ A	NEW DESIGN	DRAWN	062222
MARK	REVISION RECORD	DRAWN	MMDDYY

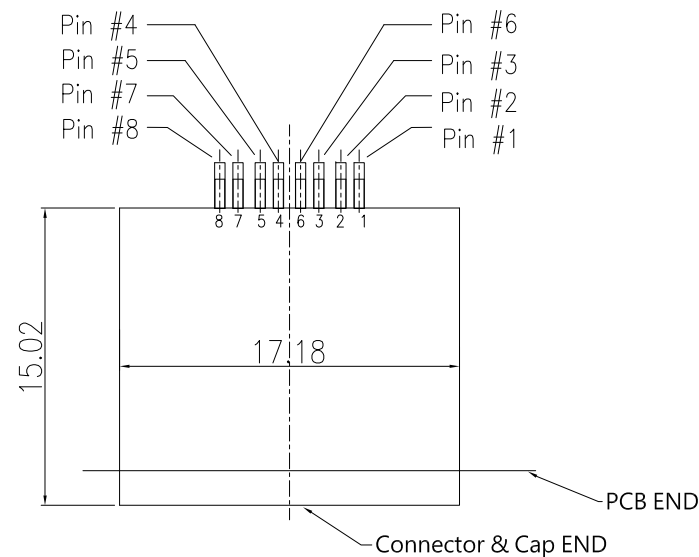


PIN ASSIGNMENT					
Pin Number	Description	Signal Name(10base-T)	Signal Name(100base-T)	Signal Name(1000base-T)	Color
1	Transmit Data + or BiDirectional	TX+	TX+	BI_DA+	White Green
2	Transmit Data - or BiDirectional	TX-	TX-	BI_DA-	Green
3	Receive Data + or BiDirectional	RX+	RX+	BI_DB+	White Orange
4	Not Conneted or BiDirectional	n/c	n/c	BI_DC+	Blue
5	Not Conneted or BiDirectional	n/c	n/c	BI_DC-	White Blue
6	Receive Data - or BiDirectional	RX-	RX-	BI_DB-	Orange
7	Not Conneted or BiDirectional	n/c	n/c	BI_DD+	White Brown
8	Not Conneted or BiDirectional	n/c	n/c	BI_DD-	Brown



PCB Foot Printer Dimension

TOP VIEW Tolerance:±0.01mm



Connector Pin Define Sequence

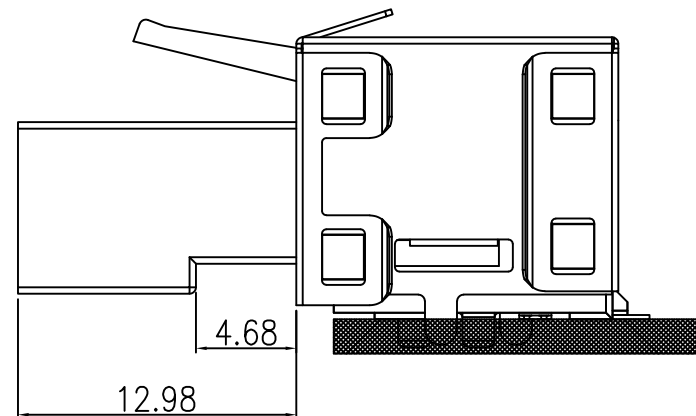
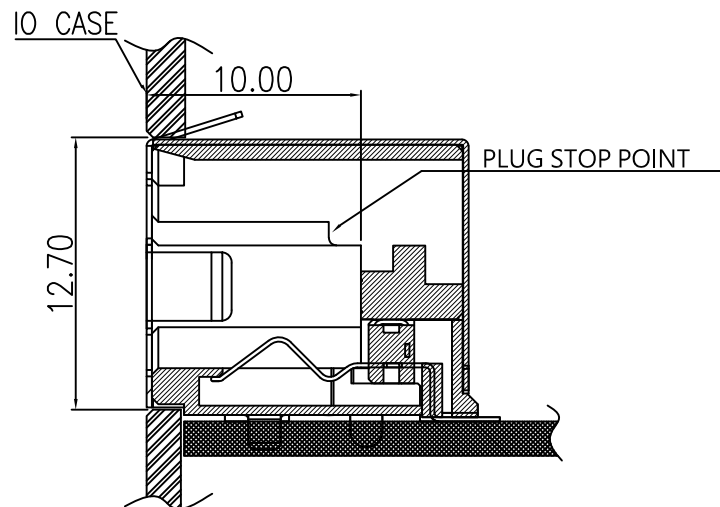
CHECKED		UNLESS OTHERWISE SPECIFIED TOLERANCE		NAME		RJ45 Cat7/Cat6A,H=13.15mm,With LENS,2-DIP H=1.20mm,Receptacle	
UNA				SCALE	UNIT	Material/Plated/Notes ④ SHIELD : STAINLESS STEEL/NICKEL PLATING ⑧ HOUSING : HIGH TEMPERATURE PLASTIC ⑥ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL,LEAD FREE TIN ALLOY AT TERMINATION. ⑩ LENS : HIGH TEMPERATURE PLASTIC.	
APPROVED		Dimension Range Tolerance		NA	mm		
KL							
REV.		X.X	±0.35	SIZE	SHEET	DOC. NO.	
B		X.XX	±0.25	A4	2/4	JCN-C71W-1VAC-XXR1	
		X.XXX	±0.15				
		ANGLE	+5°				

HF
RoHS

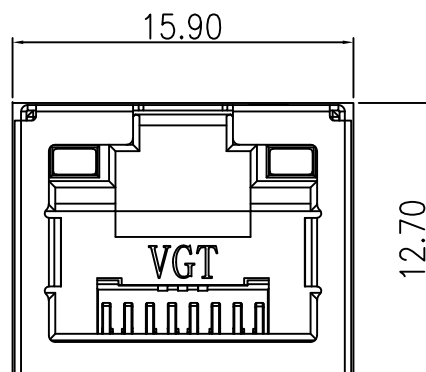
THIS IS A RoHS COMPLA
COMPONENT/ PRODUCT



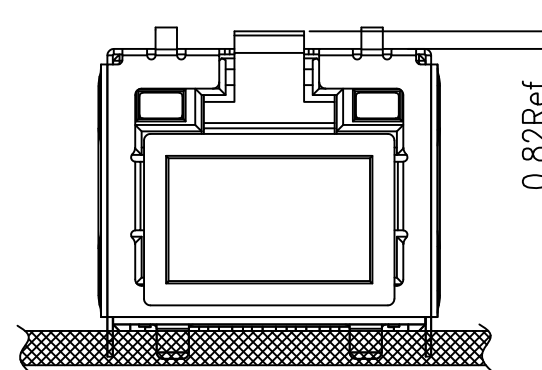
V-GENERAL
TECHNOLOGY
維將科技股份有限公司



PLUG INTO RECEPTACLE REPRESENT
(Side VIEW)



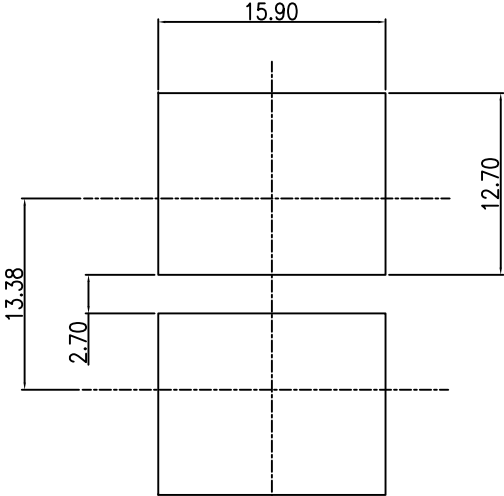
Panel Cut Out



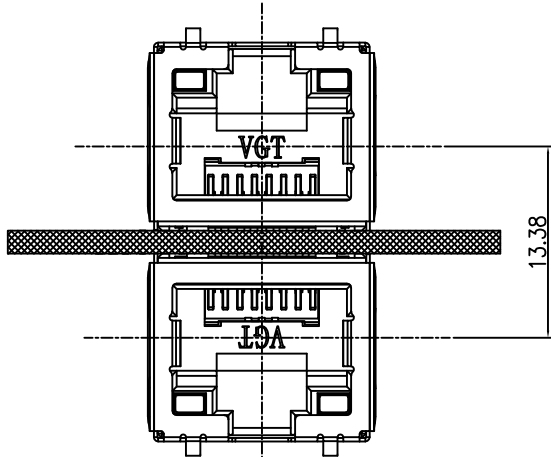
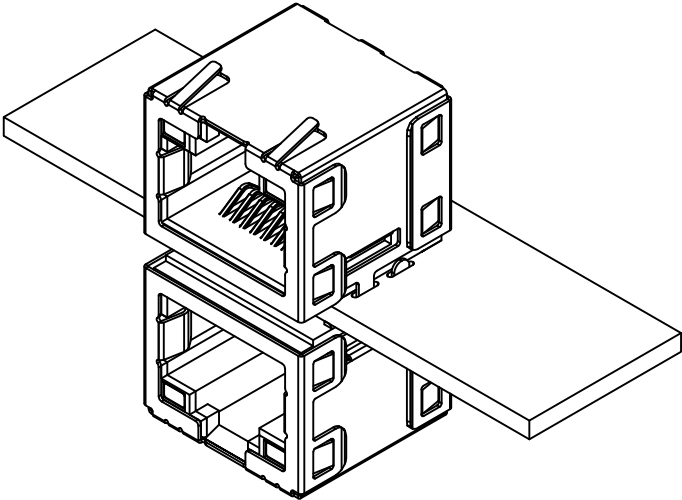
PLUG INTO RECEPTACLE REPRESENT
(Front VIEW)

CHECKED UNA				NAME RJ45 Cat7/Cat6A,H=13.15mm,With LENS,2-DIP H=1.20mm,Receptacle				HF RoHS		V-GENERAL TECHNOLOGY	
APPROVED KL				SCALE NA	UNIT mm	Material/Plated/Notes ① SHIELD : STAINLESS STEEL/NICKEL PLATING ② HOUSING : HIGH TEMPERATURE PLASTIC ③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL,LEAD FREE TIN ALLOY AT TERMINATION. ④ LENS : HIGH TEMPERATURE PLASTIC.			PART NO. JCN-C71W-1VAC-XXR1		THIS IS A RoHS COMPLIANT COMPONENT/ PRODUCT.
REV. B				Dimension Range	Tolerance	SIZE A4	SHEET 3/4		DOC. NO. JCN-C71W-1VAC-XXR1	維將科技股份有限公司	
△ A	新增端子避位槽/鐵殼彈片改直	UNA	071324								
△ A	NEW DESIGN	DRAWN	062222								
MARK	REVISION RECORD	DRAWN	MMDDYY								

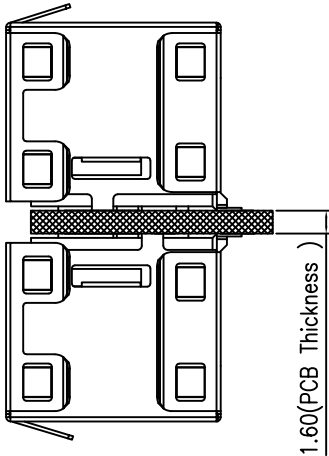
Application



Panel Cut Out
(2X1Port)



2X1Port
(Front VIEW)



2X1Port
(Side VIEW)

△ B	新增端子避位槽/鐵殼彈片改直	UNA	071324
△ A	NEW_DESIGN	DRAWN	062222
MARK	REVISION RECORD	DRAWN	MMDDYY'

CHECKED	UNA
APPROVED	KL
REV.	B
UNLESS OTHERWISE SPECIFIED TOLERANCE	
Dimension Range	Tolerance
X.X	±0.35
X.XX	±0.25
X.XXX	±0.15
ANGLE	±5°

NAME	RJ45 Cat7/Cat6A,H=13.15mm,With LENS,2-DIP H=1.20mm,Receptacle	
SCALE	NA	UNIT mm
SHEET	4/4	
SIZE	A4	
Material/Plated/Notes	① SHIELD : STAINLESS STEEL/NICKEL PLATING ② HOUSING : HIGH TEMPURTURE PLASTIC ③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL,LEAD FREE TIN ALLOY AT TERMINATION. ④ LENS : HIGH TEMPURTURE PLASTIC.	

PART NO.	JCN-C71W-1VAC-XXR1
DOC. NO.	JCN-C71W-1VAC-XXR1

HF RoHS
THIS IS A RoHS COMPLIANT COMPONENT/ PRODUCT.

	V-GENERAL TECHNOLOGY 維將科技股份有限公司
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