

1 2 3 4 5

A

B

C

D

E

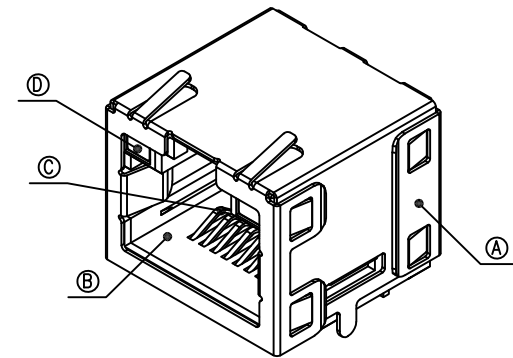
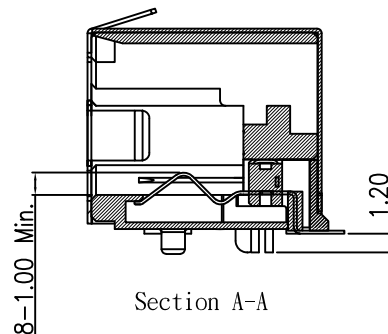
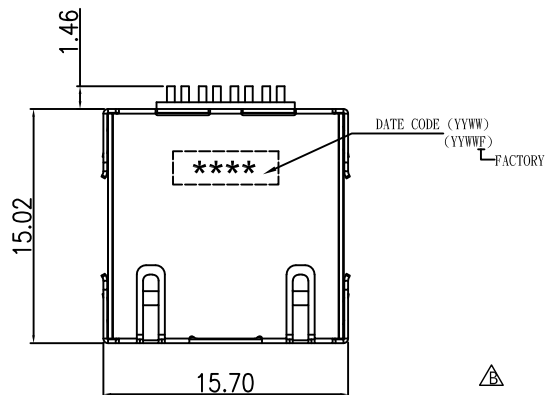
A

B

C

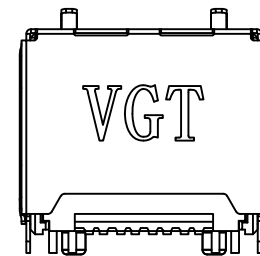
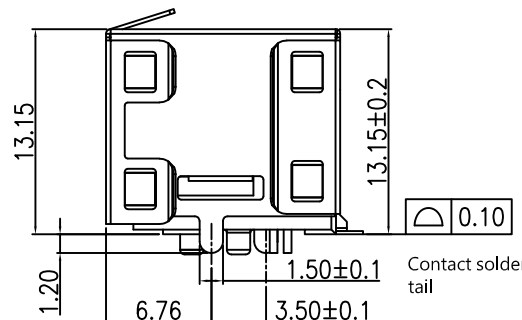
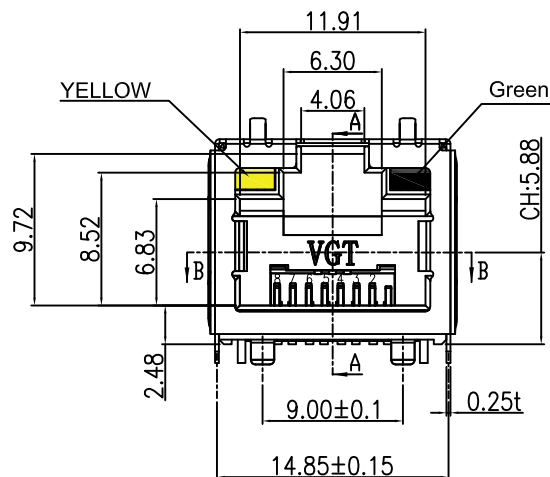
D

E

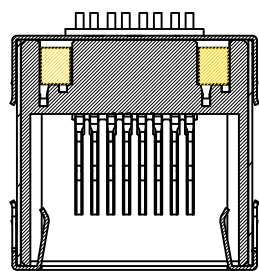
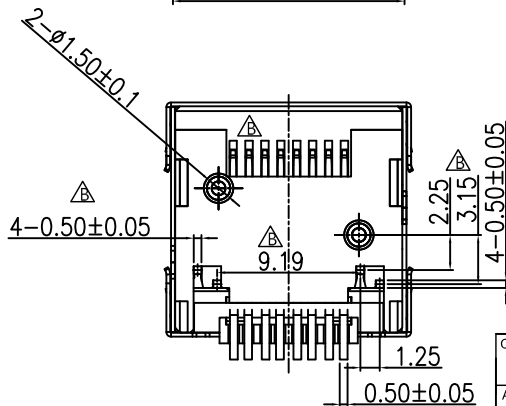


PART NUMBER : JCN-C6D7-1VBC-BXR1

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



1. ELECTRICAL CHARACTERISTICS:
 - 1-1 CURRENT RATING : 1.5 A MAX.
 - 1-2 VOLTAGE RATING : 125VAC RMS. MAX.
 - 1-3 DIELECTRIC WITH STANDING : 1000VAC RMS 60Hz, 1MIN.
 - 1-4 INSULATION RESISTANCE : 1000MΩ Min. AT DC 500V.
 - 1-5 CONTACT RESISTANCE : 30mΩ Max.
2. MECHANICAL CHARACTERISTICS:
 - 2-1 INSERTION FORCE : 1.8 KGF MAX.
 - 2-2 WITHDRAWAL FORCE : 0.75 KGF MAX.
 - 2-3 DURABILITY : 750 Cycles Min.
3. ENVIRONMENTAL :
 - 3-1 OPERATING TEMPERATURE; STORAGE : -40°C TO +85°C.
OPERATION : -40°C TO +85°C.
4. ELECTRIC CHARACTERISTIC OF LED
VOLTAGE MAXIMIZE DURABILITY DC 2.4V
CURRENT MAXIMIZE DURABILITY 20mA
Reference TIA-1096-A Specification Information



Section B-B

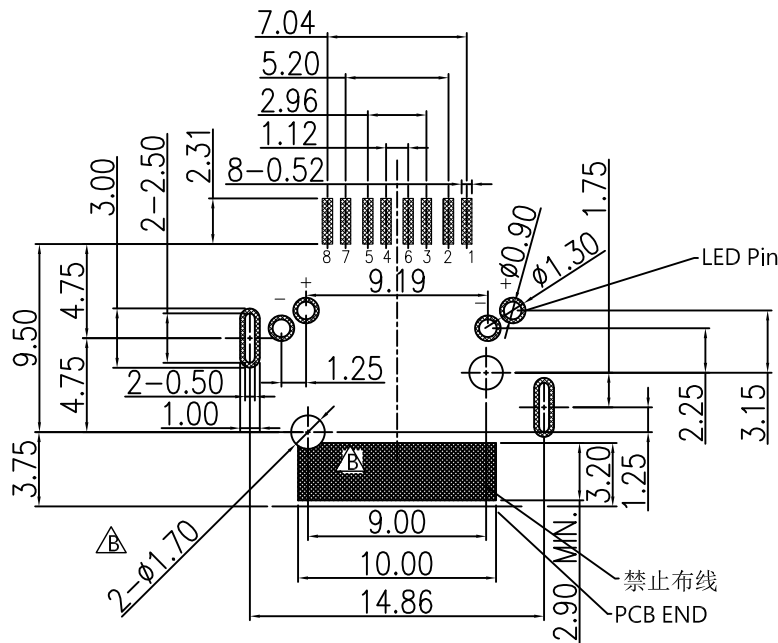
CHECKED		UNLESS OTHERWISE SPECIFIED TOLERANCE		NAME		RJ45 Cat6 H=13.15mm,With Left_Yellow/Right_Green LED,2-DIP H=1.2mm,Receptacle		PART NO. & DOC NO. JCN-C6D7-1VBC-XXX1
UNA				SCALE	UNIT	Material/Plated/Notes ① SHIELD : STAINLESS STEEL/NICKEL PLATING ② HOUSING : HIGH TEMPERATURE PLASTIC ③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION. ④ LED : HIGH TEMPERATURE PLASTIC		
APPROVED		NA	mm					
KL		Dimension Range Tolerance						
REV.	X.X		±0.35	SIZE	SHEET			
	X.XX		±0.25					
	X.XXX		±0.15					
	ANGLE		±5°					
B								

△ B	新增端子避位槽/鐵殼彈片改直	UNA	071324
△ A	NEW DESIGN	DRAWN	011923
MARK	REVISION RECORD	DRAWN	MMDDYY

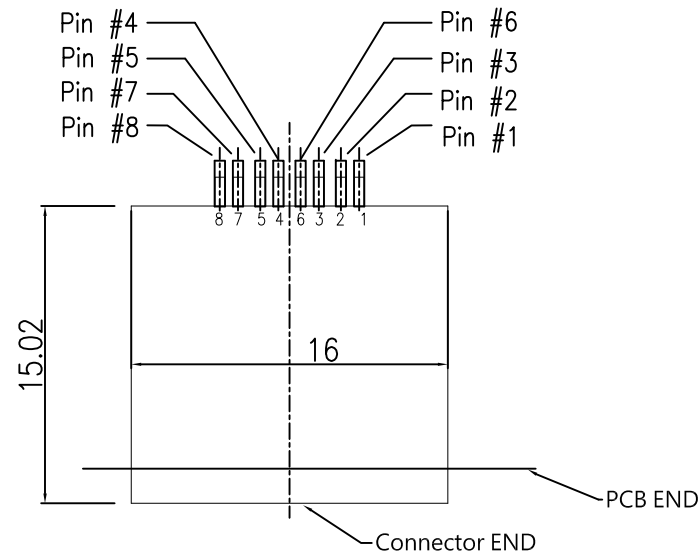
HF
RoHS

V-GENERAL
TECHNOLOGY
維將科技股份有限公司

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



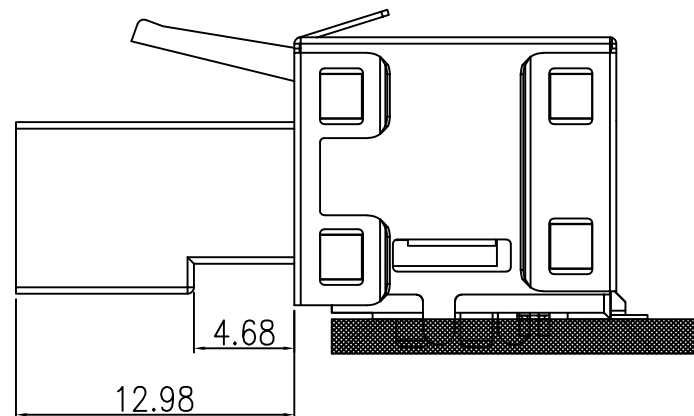
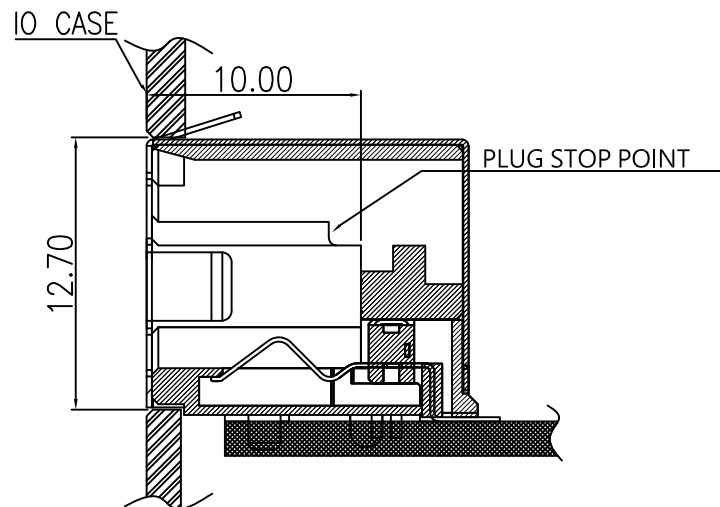
Connector Pin Define Sequence

CHECKED UNA		NAME RJ45 Cat6 H=13.15mm,With Left_Yellow/Right_Green LED,2-DIP H=1.2mm,Receptacle	
APPROVED KL		SCALE NA	UNIT mm
REV. B		SIZE A4	SHEET 2/3
UNLESS OTHERWISE SPECIFIED TOLERANCE		Material/Plated/Notes	
Dimension Range		① SHIELD : STAINLESS STEEL/NICKEL PLATING	
Tolerance		② HOUSING : HIGH TEMPERATURE PLASTIC	
X.X		③ CONTACTS : COPPER ALLOY/NICKEL	
±0.35		UNDERPLATED OVERALL LEAD FREE TIN	
X.XX		ALLOY AT TERMINATION.	
±0.25		④ LED : HIGH TEMPERATURE PLASTIC.	
X.XXX			
±0.15			
ANGLE			
±5°			

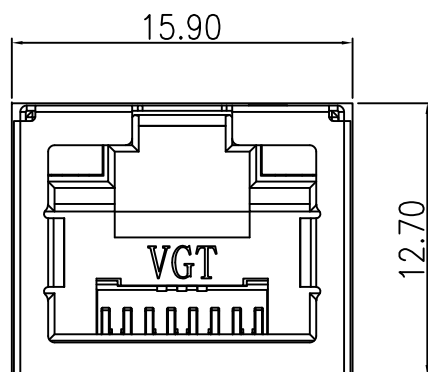
PART NO. & DOC NO.
JCN-C6D7-1VBC-XXX1



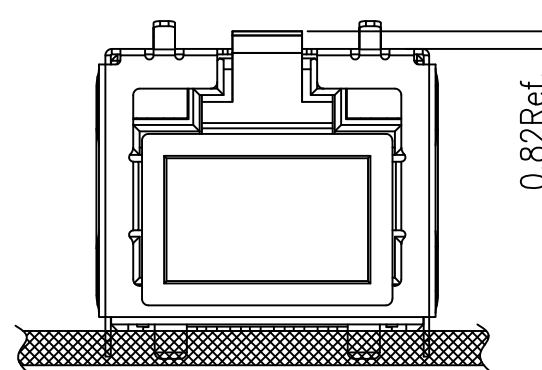
△ B	新增端子避位槽/鐵殼彈片改直	UNA	071324
△ A	NEW_DESIGN	DRAWN	011823
MARK	REVISION RECORD	DRAWN	MMDDYY'



PLUG INTO RECEPTACLE REPRESENT
(Side VIEW)



Panel Cut Out

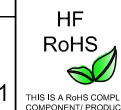


PLUG INTO RECEPTACLE REPRESENT
(Front VIEW)

CHECKED UNA		NAME RJ45 Cat6 H=13.15mm,With Left_Yellow/Right_Green LED,2-DIP H=1.2mm,Receptacle	
APPROVED KL		SCALE NA	UNIT mm
REV. B		SIZE A4	SHEET 3/3
MARK		PART NO. & DOC NO. JCN-C6D7-1VBC-XXX1	

Dimension Range	Tolerance
X.X	±0.35
X.XX	±0.25
X.XXX	±0.15
ANGLE	±5°

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 LED : HIGH TEMPERATURE PLASTIC.



△ 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