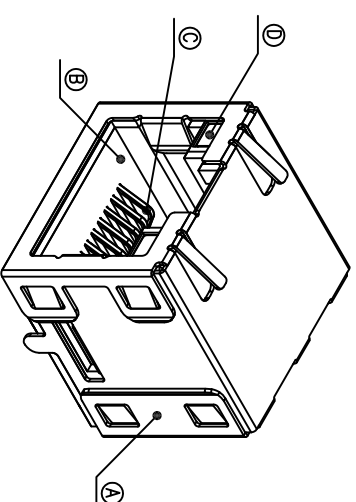
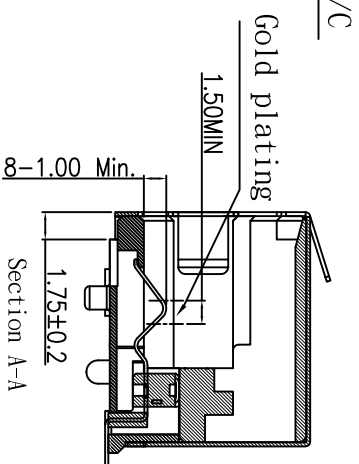
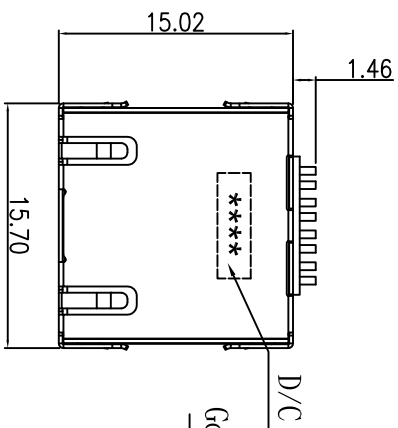




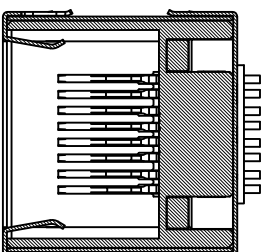
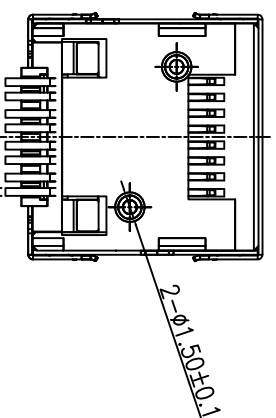
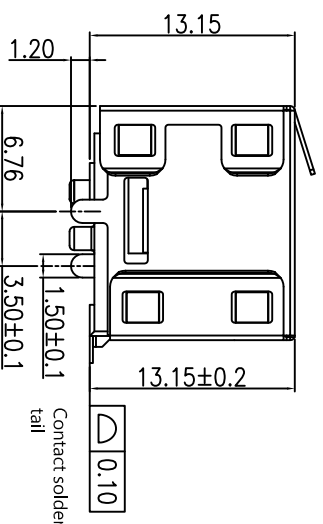
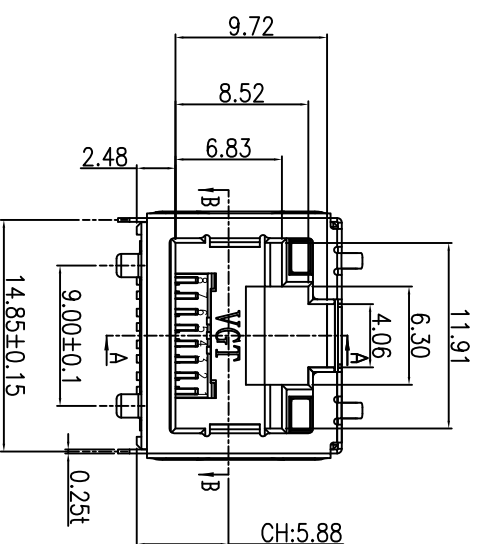
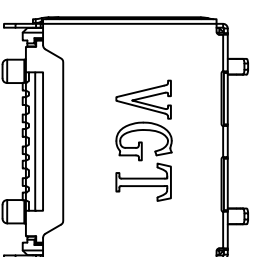
PART NUMBER : JCN-C616-1VAC-XXR1

Plastic Color: _____
 A=Blue
 B=Black
 E=Yellow_114C

Gold Plating: _____
 G=Gold Flash
 T=Tray

Package:
 R=Taping Reel
 T=Tray

A=3u"
 B=6u"
 C=10u"
 D=15u"
 E=30u"



Section B-B

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: Stainless Steel 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:118s Min.
- 2.7 PCB Retention POST-Solder:10LS Min.

3.ENVIRONMENTAL:

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

Mates with modular conforming to TRA-1096-A

CHECKED		NAME	
Steve		R445 C616 H 13.15, With LENS , 2 DIP H=1.2,Receptacle	
APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

Material/Plated/Notes
 ◎SHIELD : STAINLESS STEEL/NICKEL PLATING
 ◎HOUSING : HIGH TEMPERATURE PLASTIC
 ◎CONTACTS : COPPER ALLOY /NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.
 ◎LENS : HIGH TEMPERATURE PLASTIC

HF
 RoHS

V-GENERAL
 TECHNOLOGY



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CHECKED		NAME	
Steve		R445 C616 H 13.15, With LENS , 2 DIP H=1.2,Receptacle	
APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

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CHECKED		NAME	
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APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE	
Marvin		Dimension Range Tolerance	
REV.		SCALE	
A		NA	
X.X		UNIT	
X.XX		mm	
X.XXX		SIZE	
X.XXX		A4	
ANGLE		SHEET	
±5°		1/4	

Material/Plated/Notes
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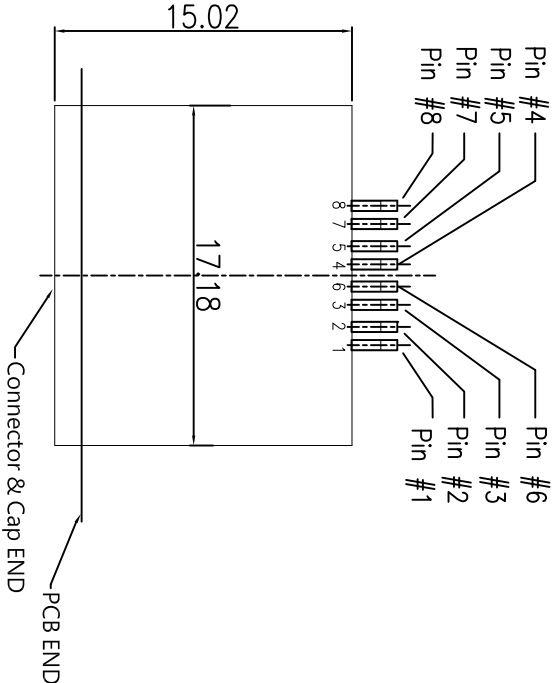
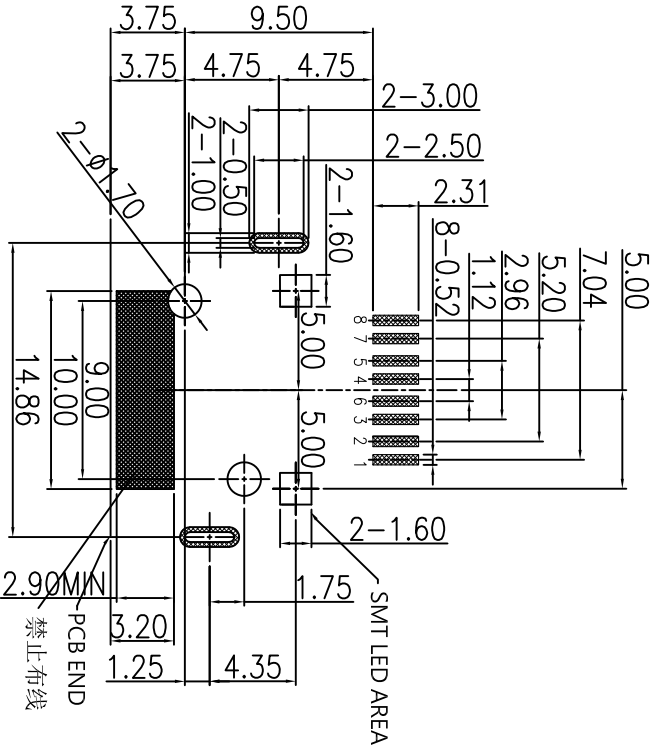
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		TYP	
X.XXX		±0.15	
ANGLE		±5°	

① LENS : HIGH TEMPERATURE PLASTIC

JCN-C616-1VAC-XXR1

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 Comneted or BiDirectional	n/c	n/c	BI_DC+	Blue
5	Not Comneted or BiDirectional	n/c	n/c	BI_DC-	White Blue
6	Receive Data - or BiDirectional	RX-	RX-	BI_DB-	Orange
7	Not Comneted or BiDirectional	n/c	n/c	BI_DD+	White Brown
8	Not Comneted or BiDirectional	n/c	n/c	BI_DD-	Brown

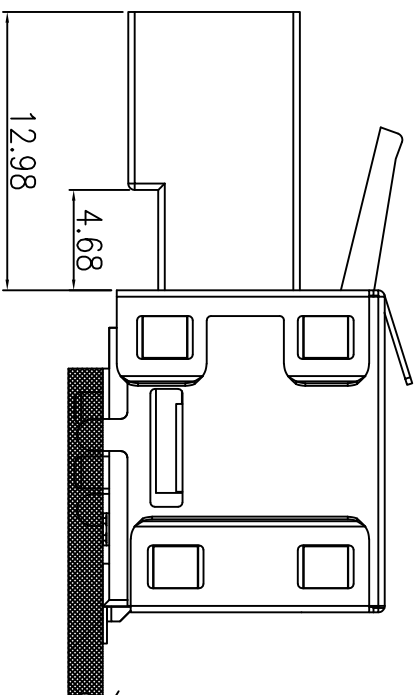
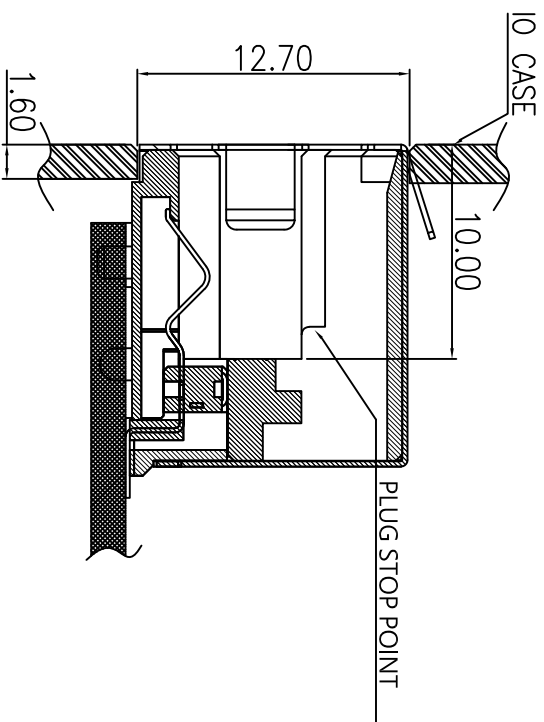


PCB Foot Printer Dimension

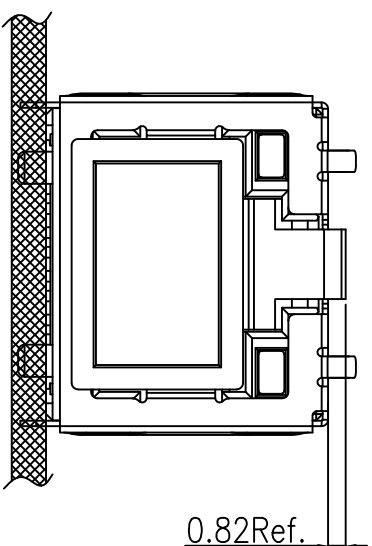
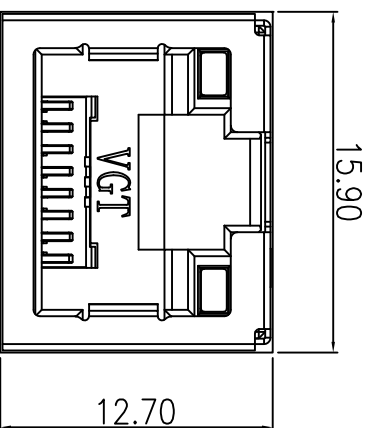
TOP VIEW Tolerance:±0.01mm

Connector Pin Define Sequence

CHECKED		NAME		SCALE		PART NO.		HF ROHS		V-GENERAL TECHNOLOGY	
Steve		R445 C06 H 13.15, With LENS . 2 DIP H=1.2,Receptacle		NA		JCN-C616-1VAC-XXR1		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT		維將科技股份有限公司	
APPROVED		Material/Printed/Notes		UNIT		JCN-C616-1VAC-XXR1					
Marvin		③SHIELD : STAINLESS STEEL/NICKEL PLATING		mm							
Dimension Range Tolerance		④HOUSING : HIGH TEMPERATURE PLASTIC		SIZE							
REV.		⑤CONTACTS : COPPER ALLOY/NICKEL		SHEET							
A		UNDERPLATED OVERALL LEAD FREE TIN		2/4							
ANGLE		ALLOY AT TERMINATION.									
±5°		⑥LENS : HIGH TEMPERATURE PLASTIC.									



PLUG INTO RECEPTACLE REPRESENT
(Side VIEW)



Panel Cut Out

PLUG INTO RECEPTACLE REPRESENT
(Front VIEW)

CHECKED		NAME		R445 C06 H 13.15, With LENS , 2 DP H=1.2, Receptacle		PART NO.		HF	
Steve		UNLESS OTHERWISE SPECIFIED TOLERANCE		SCALE		JCN-C616-1VAC-XXR1		ROHS	
APPROVED		Dimension Range Tolerance		UNIT		DOC. NO.		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT	
Marvin		X.X		mm		JCN-C616-1VAC-XXR1		V-T	
REV.		X.XX		SIZE		CONTACTS : COPPER ALLOY/NICKEL		V-GENERAL	
A		X.XXX		SHEET		UNDERPLATED OVERALL LEAD FREE TIN		TECHNOLOGY	
ANGLE		±0.15		3/4		ALLOY AT TERMINATION.		維將科技股份有限公司	
±5°		A4		③LENS : HIGH TEMPERATURE PLASTIC.		JCN-C616-1VAC-XXR1		Design drawing	

△ A	NEW DESIGN	DRAWN	062222
MARK	REVISION RECORD	DRAWN	MMDDYY'

1

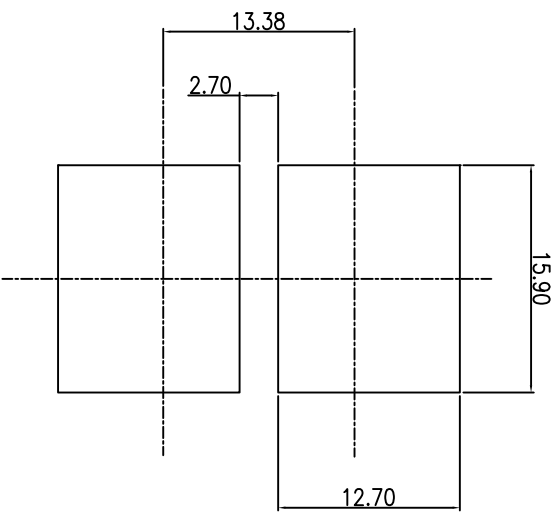
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3

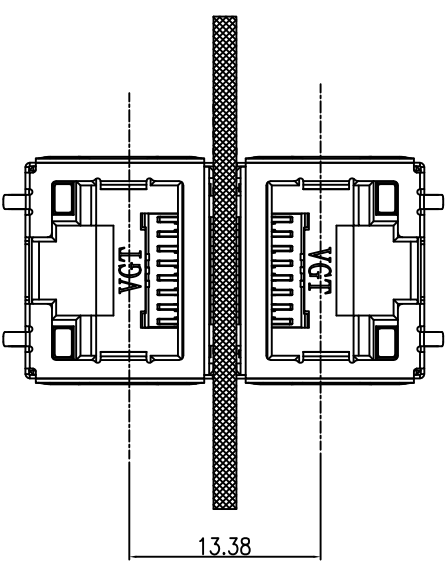
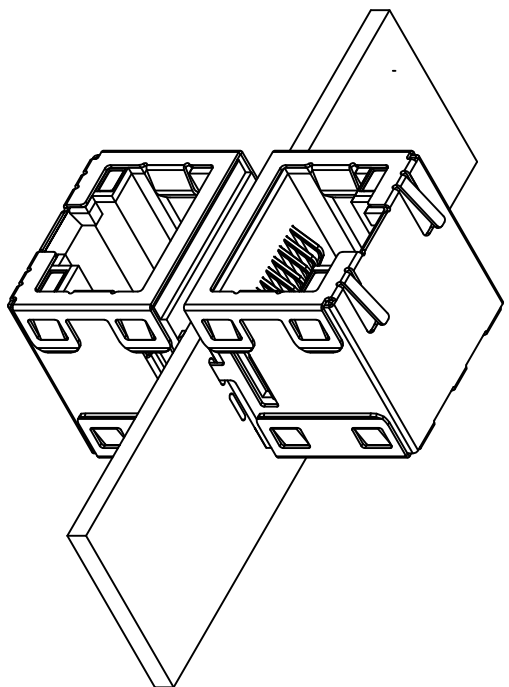
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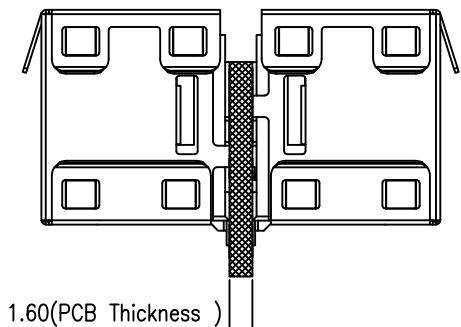
Application



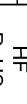
Panel Cut Out
(2X1Port)



2X1Port
(Front View)



2X1Port
(Side View)

CHECKED		NAME		R45 Cat6 H 13.15, with LENS , 2 DIP H=1.2,Receptacle					
Steve		UNLESS OTHERWISE SPECIFIED TOLERANCE		SCALE		UNIT		Material/Plating/Notes	
APPROVED		Dimension Range Tolerance		NA		mm		①SHIELD : STAINLESS STEEL/NICKEL PLATING	
Marvin		X.X		±0.35				②HOUSING : HIGH TEMPERATURE PLASTIC	
REV.		X.XX		±0.25		SHEET		③CONTACTS : COPPER ALLOY/NICKEL	
		X.XXX		±0.15		A4		UNDERPLATED OVERALL LEAD FREE TIN	
		ANGLE		±5°				ALLOY AT TERMINATION.	
								④LENS : HIGH TEMPERATURE PLASTIC.	
A								DOC. NO.	
								JCN-C616-1VAC-XXR1	
								JCN-C616-1VAC-XXR1	
								THIS IS A ROHS COMPLIANT COMPONENT PRODUCT	
								HF	
								RoHS	
									
									
								V-GENERAL	
								TECHNOLOGY	
								維精科技股份有限公司	