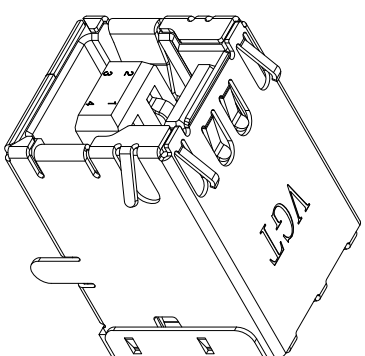
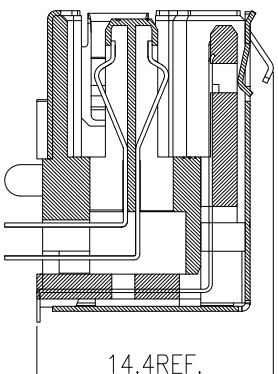
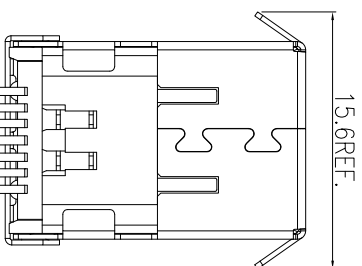
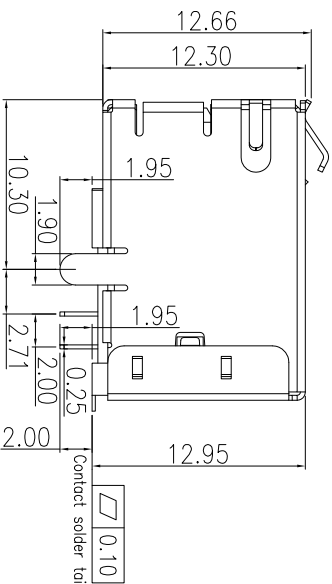
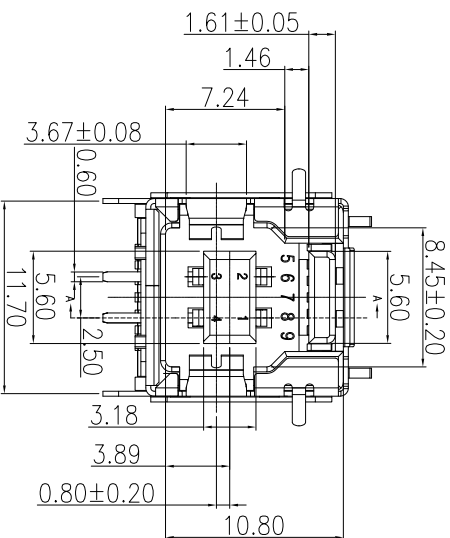
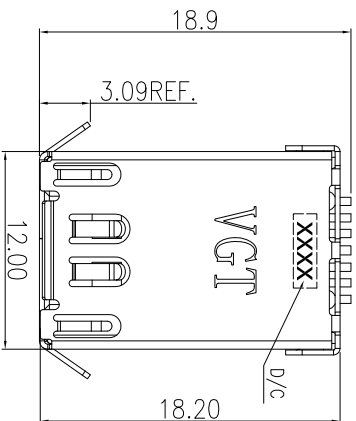




PART NUMBER : VUB1F-ADABX-XA

Plastic Color: _____
A=Blue

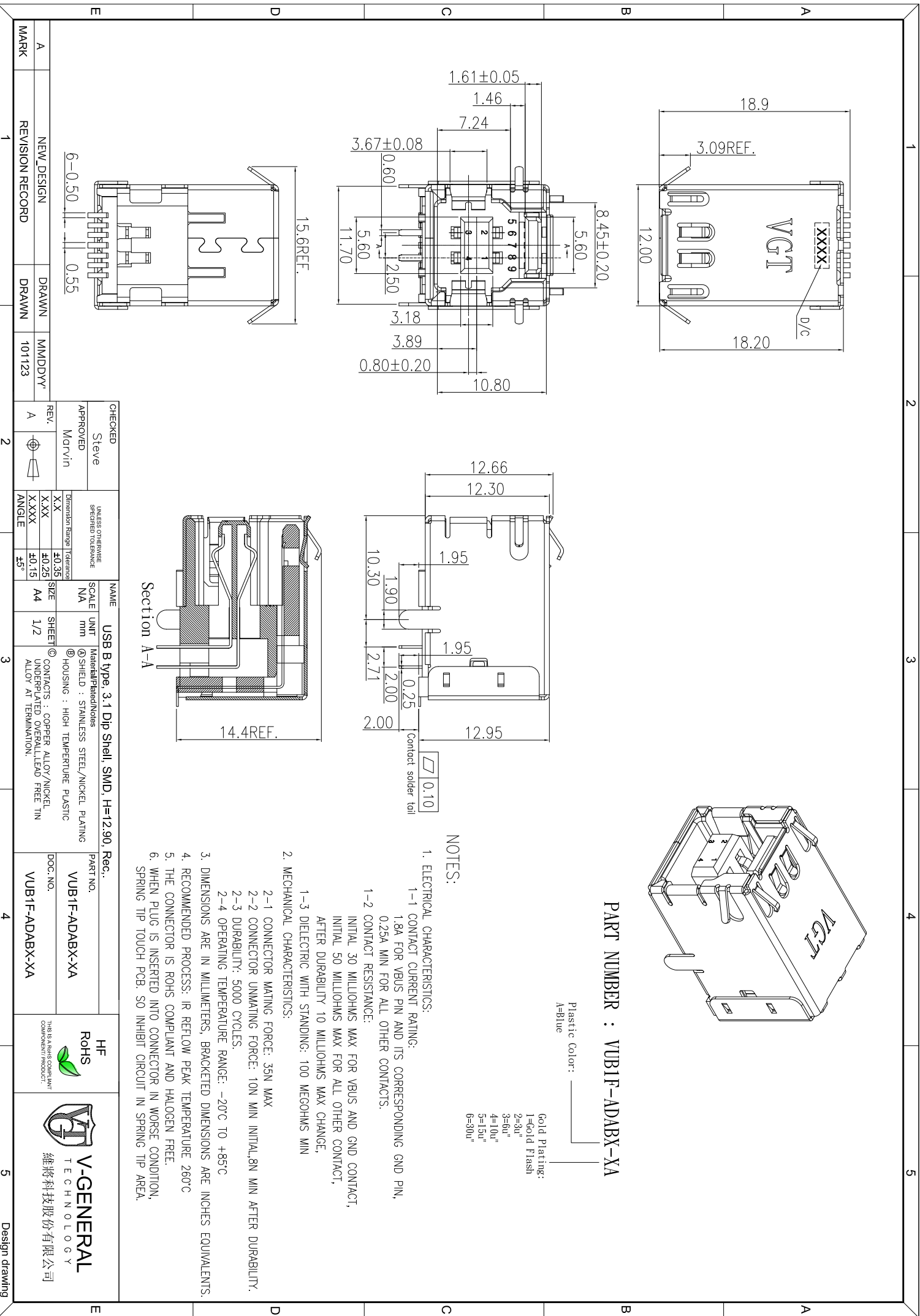
Gold Plating:
1=Gold Flash
2=3u"
3=6u"
4=10u"
5=15u"
6=30u"

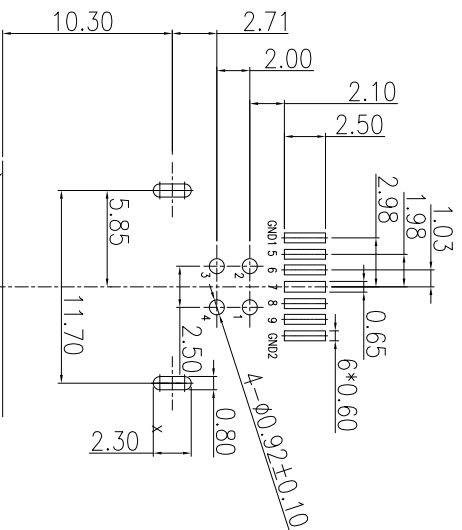
NOTES:

- ELECTRICAL CHARACTERISTICS:
 - 1-1 CONTACT CURRENT RATING:
1.8A FOR VBUS PIN AND ITS CORRESPONDING GND PIN,
0.25A MIN FOR ALL OTHER CONTACTS.
 - 1-2 CONTACT RESISTANCE:
INITIAL 30 MILLIOHMS MAX FOR VBUS AND GND CONTACT,
INITIAL 50 MILLIOHMS MAX FOR ALL OTHER CONTACT,
AFTER DURABILITY 10 MILLIOHMS MAX CHANGE.
 - 1-3 DIELECTRIC WITH STANDING: 100 MEGOHMS MIN
- MECHANICAL CHARACTERISTICS:
 - 2-1 CONNECTOR MATING FORCE: 35N MAX
 - 2-2 CONNECTOR UNMATING FORCE: 10N MIN INITIAL,8N MIN AFTER DURABILITY.
 - 2-3 DURABILITY: 5000 CYCLES.
 - 2-4 OPERATING TEMPERATURE RANGE: -20°C TO +85°C
- DIMENSIONS ARE IN MILLIMETERS, BRACKETED DIMENSIONS ARE INCHES EQUIVALENTS.
- RECOMMENDED PROCESS: IR REFLOW PEAK TEMPERATURE 260°C
- THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE.
- WHEN PLUG IS INSERTED INTO CONNECTOR IN WORSE CONDITION, SPRING TIP TOUCH PCB, SO INHIBIT CIRCUIT IN SPRING TIP AREA.

Section A-A

CHECKED		NAME		SCALE		PART NO.		HF	
Steve		USB B type, 3.1 Dip Shell, SMD, H=12.90, Rec.		NA		VUB1F-ADABX-XA		RoHS	
APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE		UNIT		Material/Plating/Notes		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT	
Marvin		Dimension Range Tolerance		mm		① SHIELD : STAINLESS STEEL/NICKEL PLATING		V-G-GENERAL TECHNOLOGY	
REV.		XX		±0.35		② HOUSING : HIGH TEMPERATURE PLASTIC		維將科技股份有限公司	
A		XXX		±0.25		CONTACTS : COPPER ALLOY/NICKEL			
		XXX		±0.15		UNDERPLATED OVERALL LEAD FREE TIN			
ANGLE		±5°		A4		ALLOY AT TERMINATION.			
SHEET		1/2							
DRAWN		MMDYY'							
NEW DESIGN									
REVISION RECORD									
MARK									

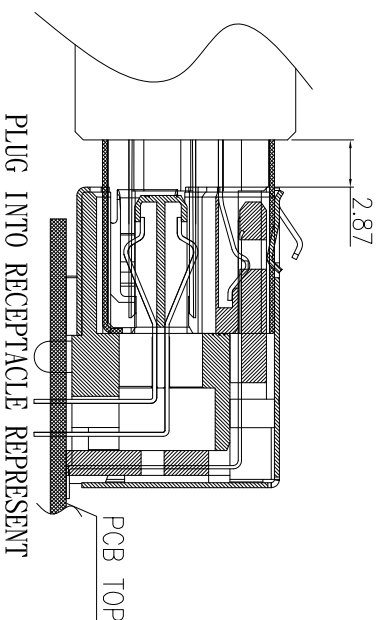
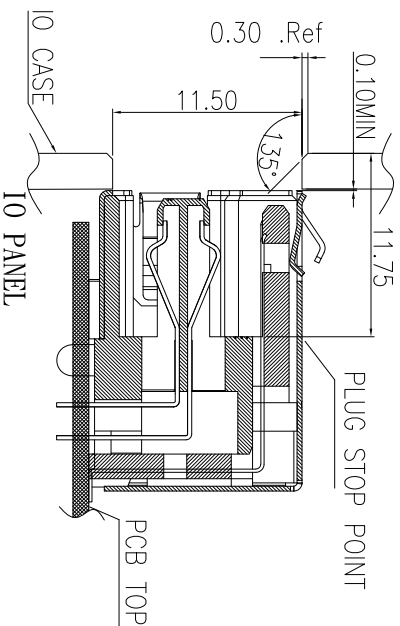




PIN ASSIGNMENT		
Pin Number	Signal Name	Description
1	VBUS	POWER
2	D-	USB2.0 differential pair
3	D+	
4	GND	Ground for Power Return
5	SS TX-	Superspeed transmitter differential pair
6	SS TX+	
7	GND_DRAIN	Ground for Power Return
8	SS RX-	Superspeed receiver differential pair
9	SS RX+	
GND1	GND	Ground
GND2	GND	Ground

CONNECTOR FRONT EDGE

RECOMMENDED P.C.B LAYOUT TOP VIEW
TOLERANCES ± 0.05MM



CHECKED		NAME		SCALE		UNIT		Material/Plated/Notes		PART NO.		HF		V-GENERAL	
Steve		USB B type, 3.1 Dip Shell, SMD, H=12.90, Rec.,		NA		mm		① SHIELD : STAINLESS STEEL/NICKEL PLATING		VUB1F-ADABX-XA		RoHS		TECHNOLOGY	
APPROVED		UNLESS OTHERWISE SPECIFIED TOLERANCE		Dimension Range		Tolerance		② HOUSING : HIGH TEMPERATURE PLASTIC		DOC.NO.		THIS IS A ROHS COMPLIANT COMPONENT PRODUCT		VUB1F-ADABX-XA	
Marvin		REV.		X.X		±0.35		③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN		VUB1F-ADABX-XA		VUB1F-ADABX-XA		VUB1F-ADABX-XA	
A		X.XX		±0.25		SIZE		SHEET		2/2		A4		A4	
A		X.XXX		±0.15		ANGLE		±5°		A4		A4		A4	
A		NEW DESIGN		DRAWN		MMDYY		101123		1		2		3	
A		REVISION RECORD		DRAWN		101123		A		2		3		4	
A		1		2		3		4		5		Design drawing			