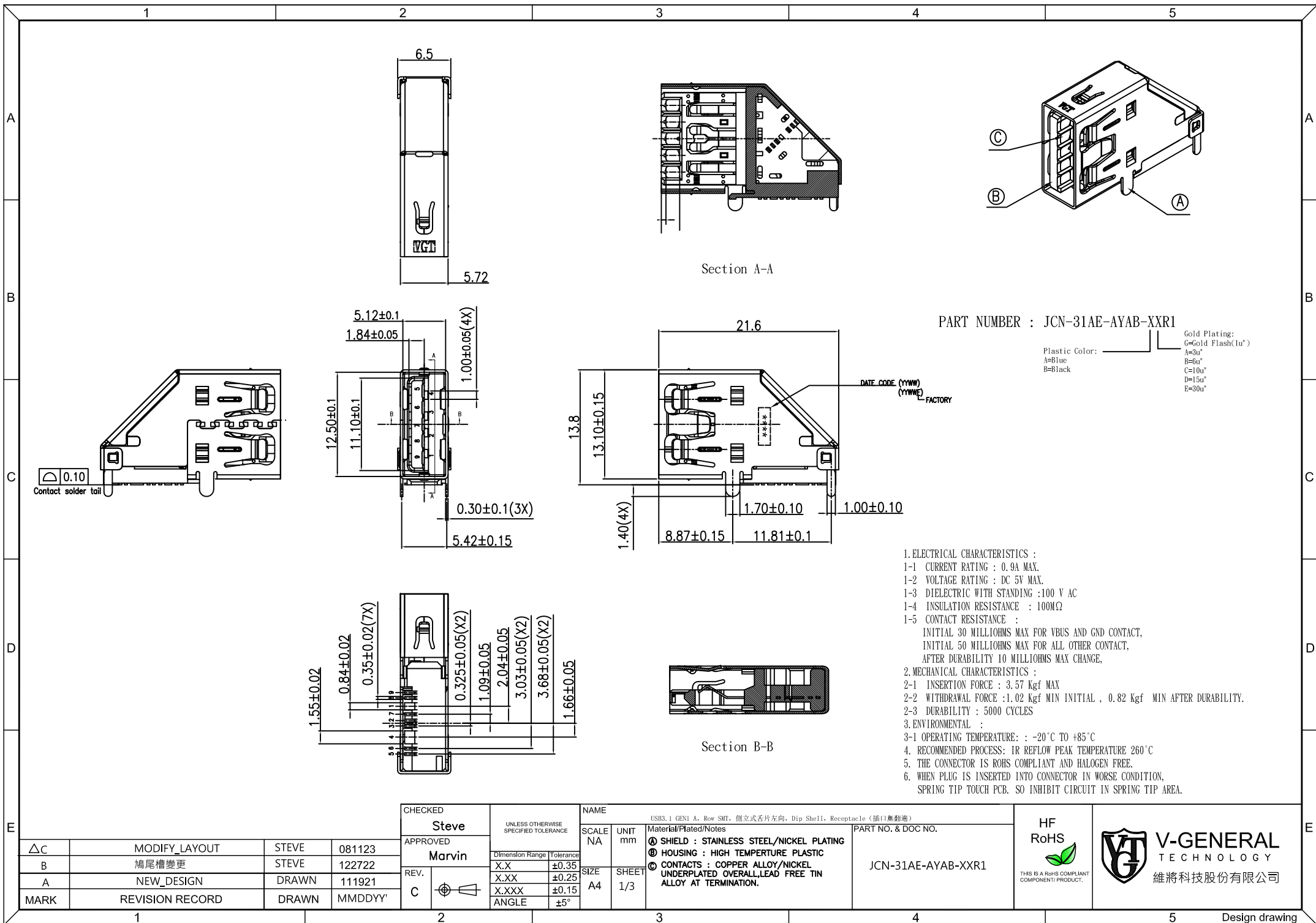




PART NUMBER : JCN-31AE-AYAB-XXR1

Gold Plating:
G=Gold Flash(1u")
A=3u"
B=5u"
C=10u"
D=15u"
E=30u"

Plastic Color: _____
A=Blue
B=Black

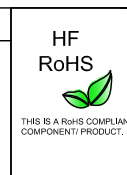
1. ELECTRICAL CHARACTERISTICS :
- 1-1 CURRENT RATING : 0.9A MAX.
 - 1-2 VOLTAGE RATING : DC 5V MAX.
 - 1-3 DIELECTRIC WITH STANDING : 100 V AC
 - 1-4 INSULATION RESISTANCE : 100MΩ
 - 1-5 CONTACT RESISTANCE :
INITIAL 30 MILLIOHMS MAX FOR VBUS AND GND CONTACT,
INITIAL 50 MILLIOHMS MAX FOR ALL OTHER CONTACT,
AFTER DURABILITY 10 MILLIOHMS MAX CHANGE,
2. MECHANICAL CHARACTERISTICS :
- 2-1 INSERTION FORCE : 3.57 Kgf MAX
 - 2-2 WITHDRAWAL FORCE : 1.02 Kgf MIN INITIAL , 0.82 Kgf MIN AFTER DURABILITY.
 - 2-3 DURABILITY : 5000 CYCLES
3. ENVIRONMENTAL :
- 3-1 OPERATING TEMPERATURE: : -20°C TO +85°C
4. RECOMMENDED PROCESS: IR REFLOW PEAK TEMPERATURE 260°C
5. THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE.
6. WHEN PLUG IS INSERTED INTO CONNECTOR IN WORSE CONDITION,
SPRING TIP TOUCH PCB. SO INHIBIT CIRCUIT IN SPRING TIP AREA.

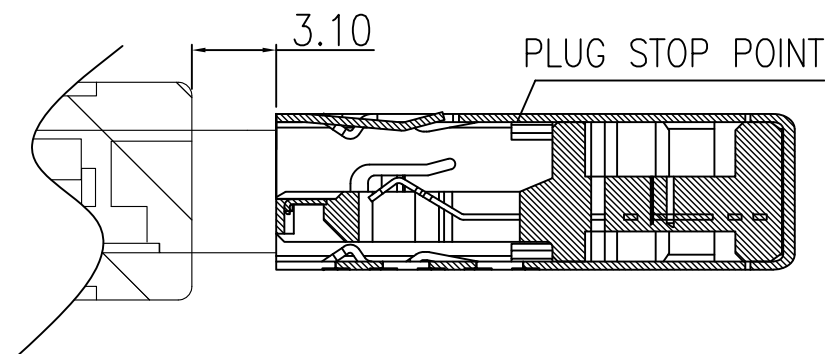
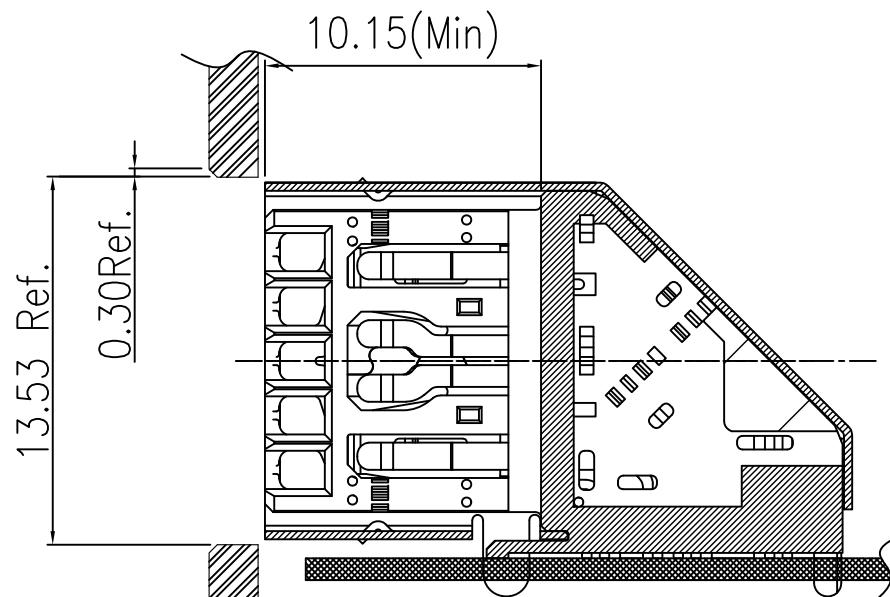
△C	MODIFY_LAYOUT	STEVE	081123
B	鳩尾槽變更	STEVE	122722
A	NEW_DESIGN	DRAWN	111921
MARK	REVISION RECORD	DRAWN	MMDDYY'

CHECKED	Steve
APPROVED	Marvin
REV.	C

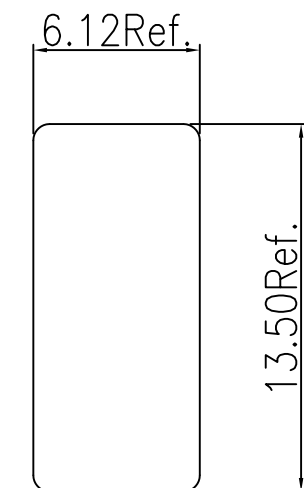
UNLESS OTHERWISE SPECIFIED TOLERANCE		NAME	
Dimension Range		SCALE	UNIT
X.X		NA	mm
X.XX		SIZE	SHEET
X.XXX		A4	1/3
ANGLE		Material/Plated/Notes	
		① SHIELD : STAINLESS STEEL/NICKEL PLATING	
		② HOUSING : HIGH TEMPERATURE PLASTIC	
		③ CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL LEAD FREE TIN ALLOY AT TERMINATION.	

PART NO. & DOC NO.
JCN-31AE-AYAB-XXR1





PLUG INTO RECEPTACLE REPRESENT



Panel Cut Out

CHECKED Steve				NAME USB3.1 GEN1 A, Row SMT, 側立式舌片左向, Dip Shell, Receptacle (插口無翻邊)			
APPROVED Marvin				SCALE NA	UNIT mm	Material/Plated/Notes ① SHIELD : STAINLESS STEEL/NICKEL PLATING ② HOUSING : HIGH TEMPURTURE PLASTIC	
REV. C				Dimension Range	Tolerance	PART NO. & DOC NO. JCN-31AE-AYAB-AER1	
				X.X	±0.35	© CONTACTS : COPPER ALLOY/NICKEL UNDERPLATED OVERALL, LEAD FREE TIN ALLOY AT TERMINATION.	
				X.XX	±0.25		
				X.XXX	±0.15		
				ANGLE	±5°		
				SIZE A4	SHEET 3/3		

