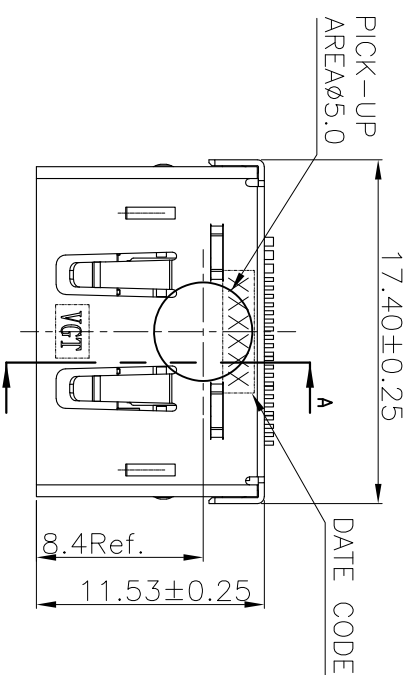
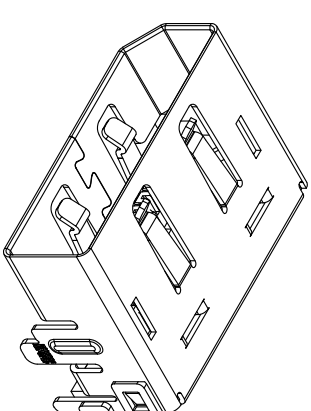


Section A-A



PART NUMBER : VDA4F-A6AAB-XA

Plastic Color: _____
B=Black

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

NOTES:

SPECIFICATIONS

1.MECHANICAL:

1-1 INSERTION FORCE: 44.1N {4.5kgf}MAXIMUM

1-2 WITHDRAWAL FORCE:9.8N{1.0kgf}~39.2N {4.0kgf}Kgf

2.ELECTRICAL

2-1 CONTACT MEASURED BY DRY CIRCUIT,

20mVolts MAXIMUM, AND 10mA.

2-2 VOLTAGE RATING:40V AC(rms)

2-3 WITHSTANDING VOLTAGE:

500V AC BETWEEN ADJACENT TERMINAL(UNMATE)

300V AC BETWEEN ADJACENT TERMINAL(MATED)

2-4 INSULATION RESISTANCE:

100Mohm Min.(UNMATED):10Mohm MIN.(MATED)

2-5 CONTACT RESISTANCE:

INITIAL CONTACT RESISTANCE CONTACT:30mΩ

3.ENVIRONMENTAL

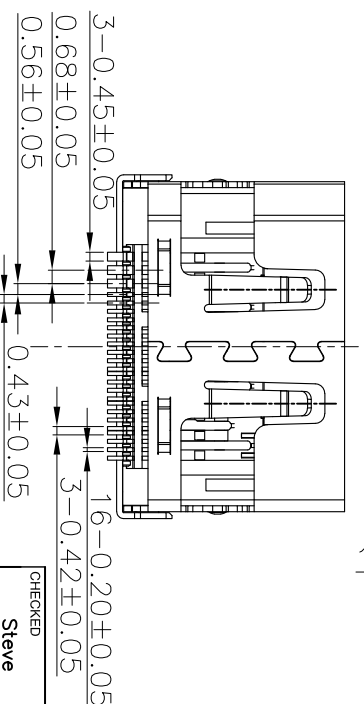
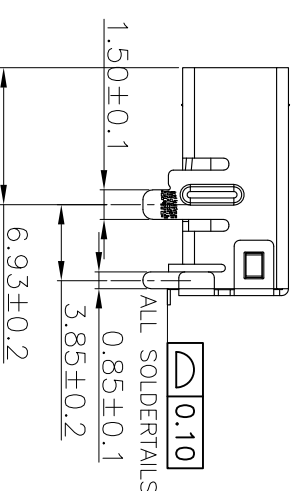
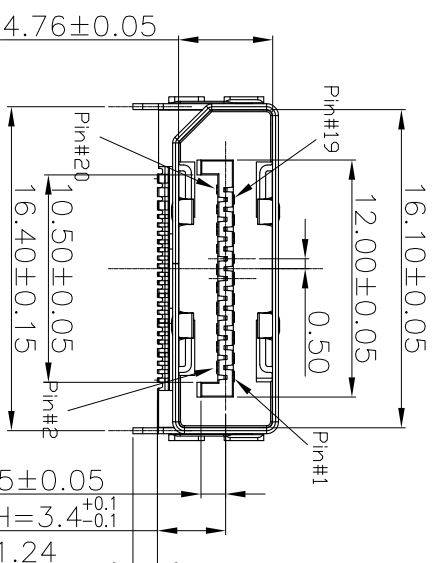
3-1 OPERATING TEMPERATURE:-25°C TO +85°C

4. RECOMMENDED PROCESS: IR REFLOW PEAK TEMPERATURE 260°C

5. THE CONNECTOR IS ROHS COMPLIANT AND HALOGEN FREE.

6. ☒ RoHS2.0 & REACH

7. ☒ HF

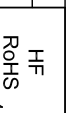


CHECKED		NAME	
Steve		Display/Port 2.1 A.1 Row SMT,Offset 3.4mm,Dip Shell,Receptacle	
APPROVED		SCALE	
Marvin		UNIT	
		mm	
		SIZE	
		1/2	
		SHEET	
		1/2	

UNLESS OTHERWISE SPECIFIED TOLERANCE	
Dimension Range	Tolerance
X.X	±0.35
X.XX	±0.25
X.XXX	±0.15
ANGLE	±5°

MATERIAL/Plated/Notes	
③ SHIELD : STAINLESS STEEL/ BRIGHT NICKEL PLATING	
④ HOUSING : HIGH TEMPERATURE PLASTIC	
⑤ CONTACTS : COPPER ALLOY/ NICKEL UNDERPLATED OVERALLOD FREE TIN	
ALLOY AT TERMINATION.	

PART NO.	
VDA4F-A6AAB-XA	
DOC. NO.	
VDA4F-A6AAB-XA	



NEW DESIGN		STEVE		081123	
REVISION RECORD		DRAWN		MMDYY'	
1		2		3	
4		5		Design drawing	

