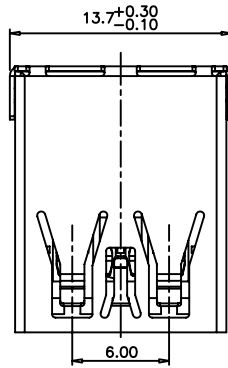
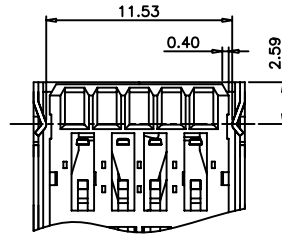


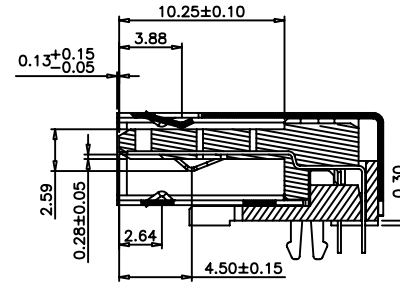
RoHS Compliant



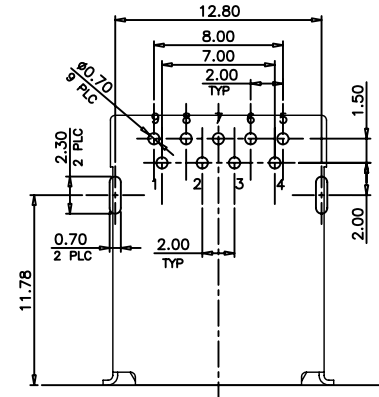
(TOP VIEW)



SECTION B-B



SECTION A-A



KEEP OUT AREA
TOLERANCE: ± 0.05 , THICKNESS: 1.2mm
RECOMMENDED PCB LAYOUT
(TOP VIEW)

NOTE:

1. MATERIAL:

1.1 INSULATOR: HIGH TEMPERATURE PLASTIC UL 94 V-0; BLUE

1.2 CONTACT: COPPER ALLOY (T=0.20mm)

1.3 SHELL: STAINLESS STEEL (T=0.30mm)

2. ELECTRICAL CHARACTERISTICS:

2.1 CONTACT RESISTANCE: 30m Ω Max

2.2 CONTACT CURRENT RATING: 1.5A

2.3 DIELECTRIC WITHSTANDING VOLTAGE: 500 V R.M.S.

2.4 INSULATION RESISTANCE 100 MEGOHMS Min

2.5 OPERATING TEMPERATURE: -40° C ~ 85° C

3. MECHANICAL CHARACTERISTICS:

3.1 MATING FORCE: 35 N Max

3.2 UNMATED FORCE: 10 N Min INITIAL; 8 N Min AFTER TEST

3.3 DURABILITY: 5,000 CYCLES

4. PLATING

4.1 TERMINAL CONTACT: (SEE TAB) GOLD PLATING ALL OVER 50u" MIN
NICKEL AND 80u" MIN Tin ALL OVER 50u" MIN NICKEL ON SOLDER AREA

4.2 SHELL: 80u" MIN. NICKEL ALL OVER

5. PART NUMBER RULE

12X10-191

CONTACT AREA PLATING

CODE

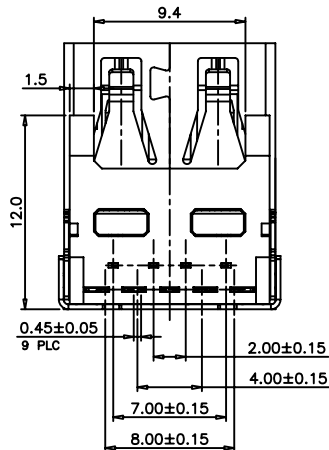
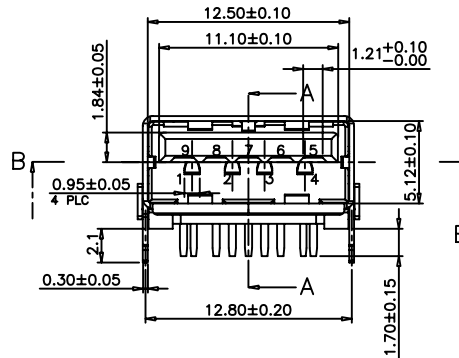
1: G/F

2: 5u"

3: 10u"

4: 15u"

5: 30u"



Pin NUMBER	SIGNAL NAME
1	VBUS
2	D-
3	D+
4	GND
5	StdA_SSRX-
6	StdA_SSRX+
7	GND_DRAIN
8	StdA_SSTX-
9	StdA_SSTX+
Shell	Shield

ECN. NO	REV	DATE	DESCRIPTION	CHANGED	APPROVED	UNIT: mm
	A	10.07.25	RELEASE			

▼ = Places		TOLERANCES UNLESS		DESIGN: DATE:		PART NO: see Table		SIZE: A4	
DIM NO.	⊗	X. $\pm$ 0.30	X° $\pm$ 3'						
		.X $\pm$ 0.20	.X° $\pm$ 2'	CHECKED: DATE:		APPROVED: DATE:		Dwg NO: USB3-AFRA-C003	
		.XX $\pm$ 0.15	.XX° $\pm$ 1'						
		.XXX $\pm$ 0.05	.XXX° $\pm$ 0.5'					REV: A	

BossConn

USB3.0 FEMALE DIP TOP
MOUNT TYPE (无卷边)