

RoHS Compliant

SYMBOL	REV.	REVISION	APPROVAL	DATE

NOTE:

1.MATERIAL:

- 1.1 INSULATOR:PA10T UL94V-0,BLACK
- 1.2 CONTACT:C7025(T=0.25mm)
- 1.3 SHELL:SUS304 (T=0.30mm)

2.ELECTRICAL CHARACTERISTICS:

- 2.1 CONTACT RESISTANCE:30mΩ MAXIMUM
- 2.2 CONTACT CURRENT RATING:1.5A
- 2.3 DIELECTRIC WITHSTANDING VOLTAGE:500 V

R.M.S:

- 2.4 INSULATION RESISTANCE 1000 MEGOHMS MIN
- 2.5 OPERATING TEMPERATURE:-40°C ~ 85°C

3 MECHANICAL CHARACTERISTICS:

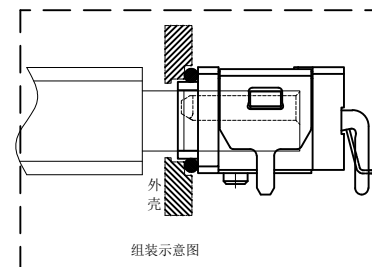
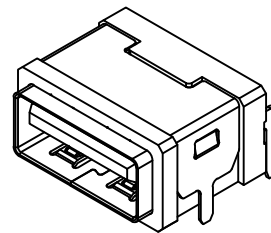
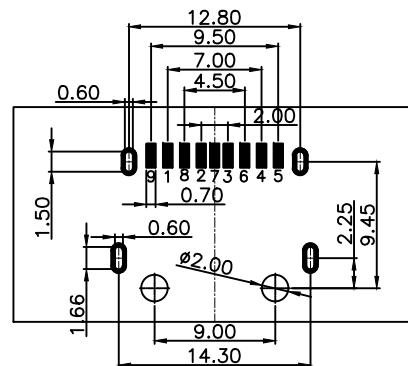
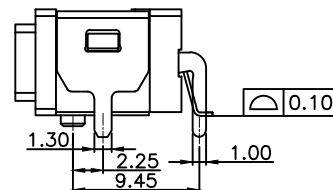
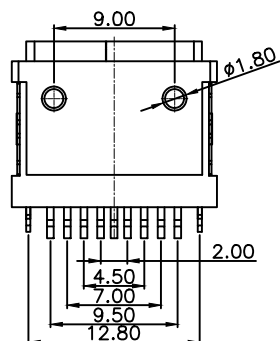
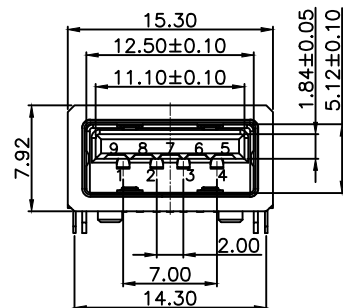
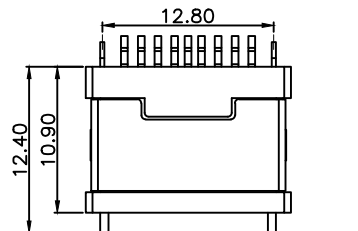
- 3.1 MATING FORCE:3.57kg MAX
- 3.2 UNMATED FORCE:1.02kg MIN
- 3.3 DURABILITY:MANDATORY:5,000 CYCLES

4.PLATING

4.1 TERMINAL:

- 30u" MIN. Ni UNDERPLATED OVERALL
- 80u"MIN. Tin PLATED ON SOLDER AREA
- 1u" PLATED ON CONTACT AREA

4.2 SHELL:50u"MIN. Ni PLATED OVERALL



Pin #	SIGNAL NAME	DESCRIPTION
1	VBUS	POWER
2	D-	USB 2.0 DIFFERENTIAL PAIR
3	D+	DIFFERENTIAL PAIR
4	GND	GROUND FOR POWER RETURN
5	SdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR
6	SdA_SSRX+	DIFFERENTIAL PAIR
7	GND_DRAIN	GROUND FOR SIGNAL RETURN
8	SdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR
9	SdA_SSTX+	DIFFERENTIAL PAIR
Shell	Shield	CONNECTOR METAL SHELL

5	OUTER Shell	1	SUS 304 Ni 50U"	T=0.20mm
4	Inner Shell	1	SUS 304 Ni 50U"	T=0.30mm
3	PLASTIC Shell	1	PA10T (G.F30%)	
2	Contact	9	C7025 Ni 50U" Au1U" Plating Solder area Sn 80-120U"	T=0.25mm
1	Housing	1	PA10T (G.F30%)	
ITEM	PART NAME	Q' TY	FINISH	NOTE

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DONGGUAN HAOFU ELECTRONIC TECHNOLOGY CO., LTD

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PART NAME	TYPE-C 16P FEMALE	DRAWING	Z.L.Liang	DWG.No.	
PART NO.	HF-WP-AF09-A-0098	CHECK	G.C.Chen	REV.	A0
UNIT:	TOLERANCE UNLESS OTHERWISE SPECIFIED	ANGLE	G.C.Chen	DATE	
mm	X.X ± 0.3 X.XX ± 0.2 X.XXX ± 0.1	±2°	SCALE	1:1	PAGE
					1 OF 1