

RoHS COMPLIANT

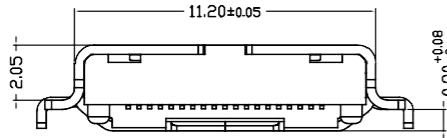
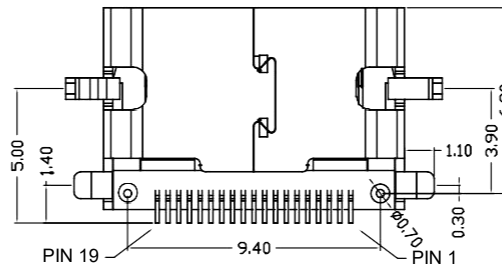
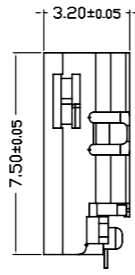
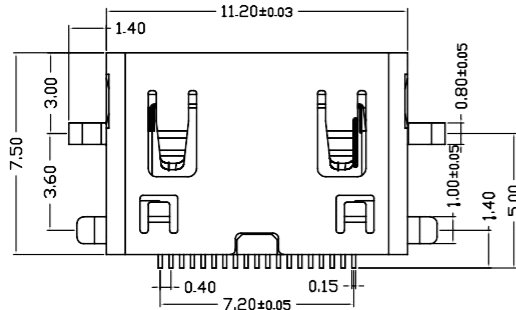
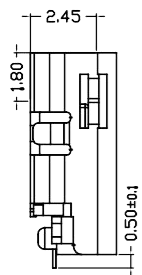
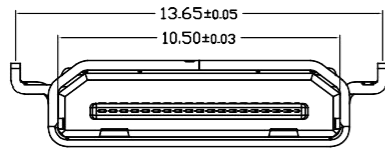


Table 4-17 Type C-to-Type C Cable Wire Assignment

Type C pin	Signal Name
1	TMDS Data2 Shield
2	TMDS Data2+
3	TMDS Data2-
4	TMDS Data1 Shield
5	TMDS Data1+
6	TMDS Data1-
7	TMDS Data0 Shield
8	TMDS Data0+
9	TMDS Data0-
10	TMDS Clock Shield
11	TMDS Clock+
12	TMDS Clock-
13	DDC/CEC Ground
14	CEC
15	SCL
16	SDA
17	Utility
18	+5V Power
19	Hot Plug Detect

Notes:

1.Material:

Housing:LCP UL94-V0 black.

Contact:Phosphor Bronze.

SHELL:C2680.

2. All NI30u"Min Contact 1u",solder area gold Flash.

3. shell Ni 30" min ,all gold Flash.

SPECIFICATION:

1.MATING FORCE:44.1N MAX.

2.UNMATING FORCE:7-25N.

3.DURABILITY: 5000 CYCLES MIN.

4.CURRENT: 0.5A.

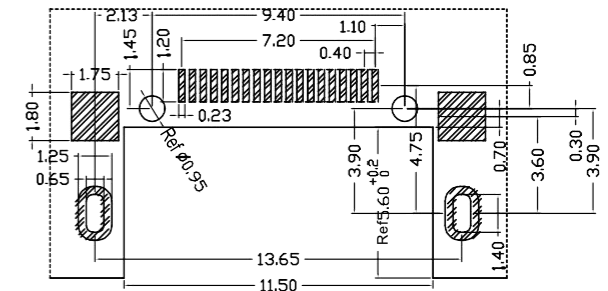
5.VOLTAGE: 40V MAX.

6.WITHSTANDING VOLTAGE: 500V AC MIN.

7.CONTACT RESISTANCE: 30mΩ MAX.

8.INSULATION RESISTANCE: 100MΩ MIN.

9.OPERATING TEMPERATURE RANGE: -20.C TO +85.C



RECOMMENDED PCB LAYOUT



High quality connectors

MTCONN ELECTRONICS CO.,LTD

DIM	TOL	DEC	TOL	DRWN:	PART NO.:
X.	±0.50	X.*	±2°	SAM 2019-02-16	MTHD84-91912B-10A65
X.X	±0.35	X.X*	±2°	CHKD: ALAN 2019-02-16	TITLE: MINI HDMI 90°SMT SINK0.8
X.XX	±0.25	X.XX*	±--	APPD: WILLIAM 2019-02-16	DRAWING NO.: MTHD84-91912B-10A65
X.XXX	±0.15	X.XXX*	±--	SHEET: 1/1	UNIT: mm
					SCALE: N/A
					SIZE: A4
					REV: A