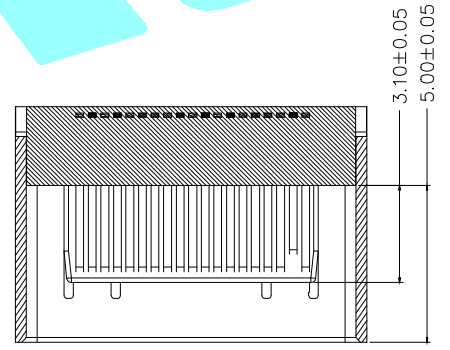
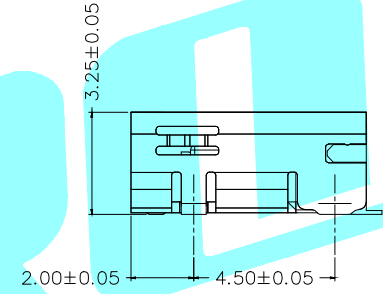


RECOMMENDED PCB LAYOUT



SEC A-A
SCALE 1:1

Type C pin	Type C-to-Type C Cable Wire Assignment	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	

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.(UNMATED)
- 7.CONTACT RESISTANCE:30MN MAX.
- 8.INSULATION RESISTANCE:100MN MIN.(UNMATED)
- 9.OPERATING TEMPERATURE RANGE:-20.C TO +85.C
- 10.ALL THE MATERIAL SHOULD COMPLY WITH THE ROHS REQUIREMENT.

ITEM	PART NAME	TER'NO.	QTY.	MATERIAL	FINISHING	REMARK
③	Shell	—	1	Phosphor Bronze	Au Plated	—
②	Contact	—	19	Phosphor Bronze	Au Plated	—
①	Housing	—	1	LCP	Black	—

APPROVALS		DATE		HRO 翰稼® ELECTRONICS CO.,LTD		
DRAWN	QIFENG.XU	2014/6/17		TITLE:	HDMI CONNECTOR	
CHECKED				PART NO.	U-F-19SS-W-1	
APPROVALS				UNIT: mm	SCALE: 1:1	PROJ:
TOLERANCES ARE	30~以上 ±0.30 10~30 ±0.25 5~10 ±0.20 ~ 5 ±0.15	ANGLE	±2'	DRAWING NO.		SHEET 1 OF 1

ECN NO.	REV.	DATE.	DESCRIPTION.	CHANGE.	CHECK.	APPRO.
—	A	—	NEW	—	—	—

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