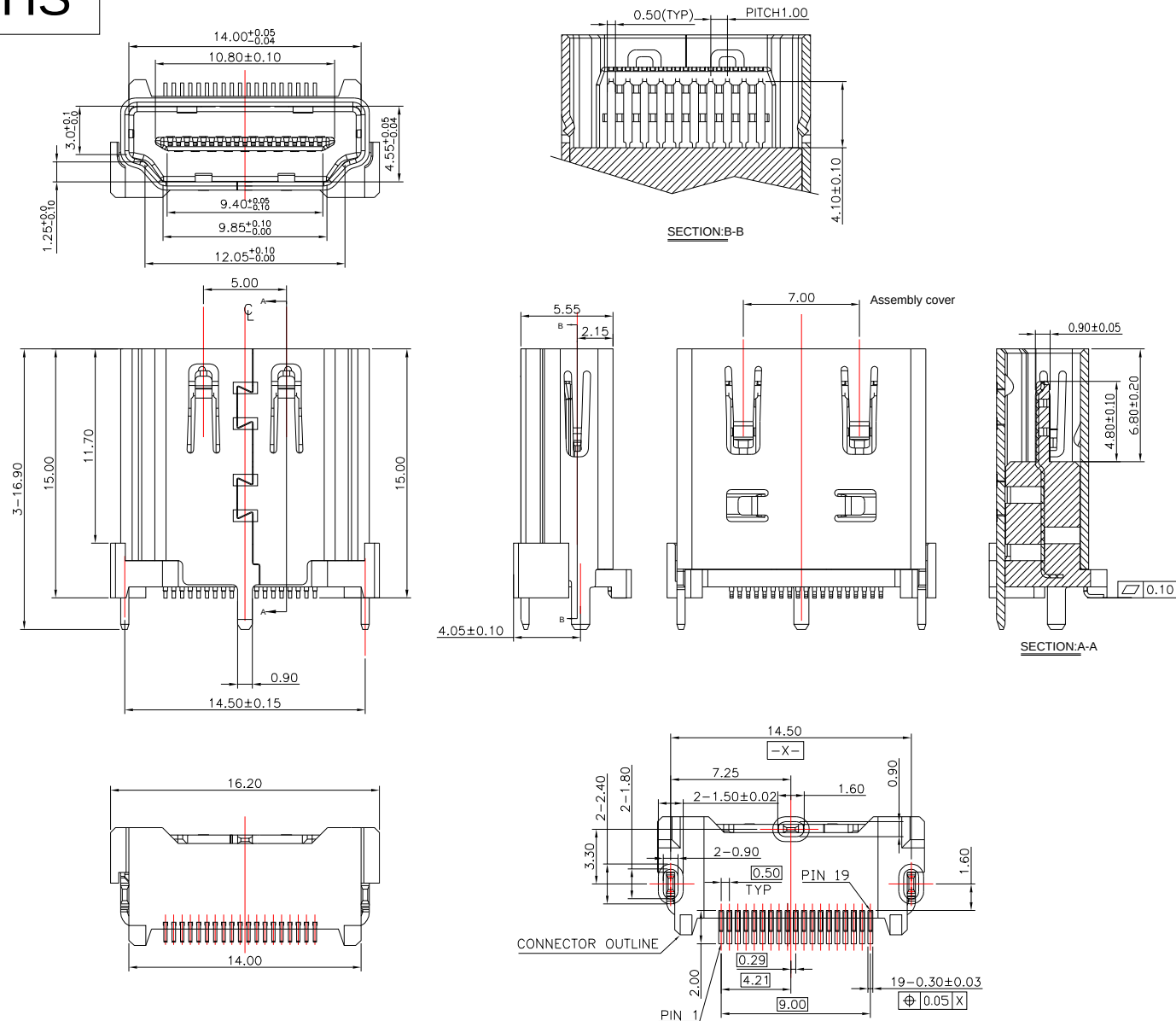




NOTES:

1.MATERIAL:

- 1-1 HOUSING:LCP WITH 30% G/F UL 94V-0 COLOR:BLACK.
- 1-2 CAP:LCP WITH 30% G/F UL 94V-0 COLOR:BLACK.
- 1-3 TERMINAL:COPPER ALLOY T=0.20mm
- 1-4 SHELL:SPCC/COPPER ALLOY T=0.50mm

2.PLATING:

2-1 TERMINAL:

(SEE P/N.)GOLD PLATED ON CONTACT AREA AND $100\mu\text{m}$ MIN. MATTE-TIN ON SOLDER TAIL, WITH ENTIRE CONTACT UNDERPLATED $80\mu\text{m}$ MIN.NICKEL.

2-2 SHELL:50 μm MIN. NICKEL PLATED.

3.MECHANICAL PERFORMANCE

- 3-1 INSERTION FORCE: 4.5kgf MAX
REMOVAL FORCE: 1kgf MIN; 4.0kgf MAX
DURABILITY:5000 CYCLES

4.ELECTRICAL PERFORMANCE:

- 4-1 Current Rating: 0.5A
- 4-2 Voltage Rating: 40V AC
- 4-3 CONTACT RESISTANCE:INITIAL 30m Ω MAX.
AFTER TEST:10 m Ω MAX
- 4-4 DIELECTRIC STRENGTH:UNMATED CONNECTORS APPLY 500V AC
MATED CONNECTOR APPLY 300V AC
- 4-5 INSULATION RESISTANCE:100 MEGAOHMS MIN.(UNMATED)
10 MEGAOHM'S MIN.(MATED)

5.ENVIRONMENTAL PERFORMANCE:

- OPERATING TEMPERATURE: -25°C~+85°C
SALT SPRAY:24H

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

APPROVALS		DATE			
DRAWN					
CHECKED				TITLE:	
APPROVALS				PART NO.	
TOLERANCES ARE		30~ 10~30 5~10 ~ 5	± 0.30 ± 0.25 ± 0.20 ± 0.15	ANGLE	UNIT: mm
				$\pm 2'$	SCALE: 1:1
					DRAWING NO.
					PROJ: IT
					SHEET 1 OF 1

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