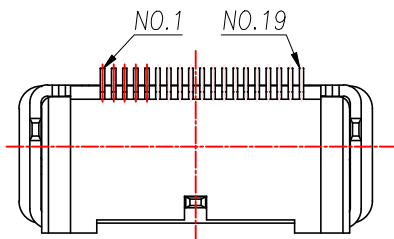
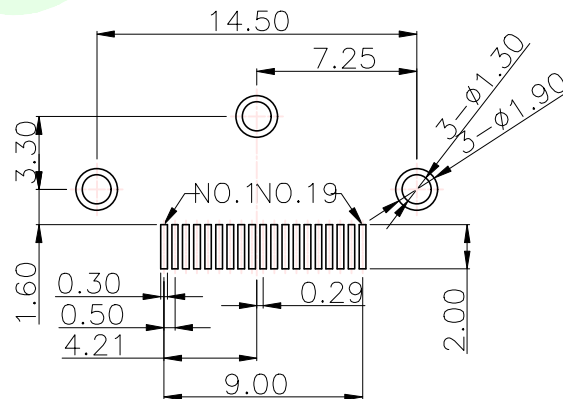
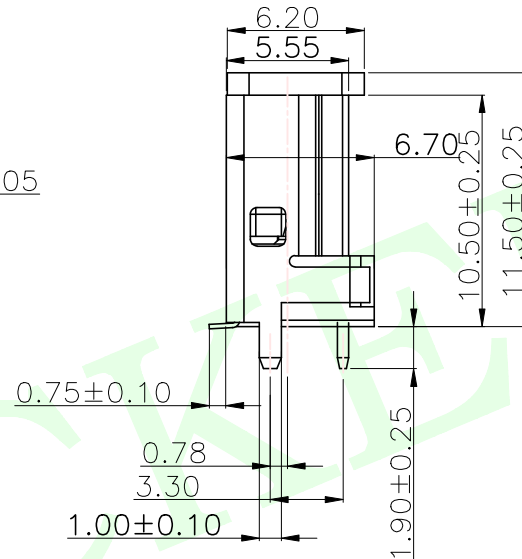
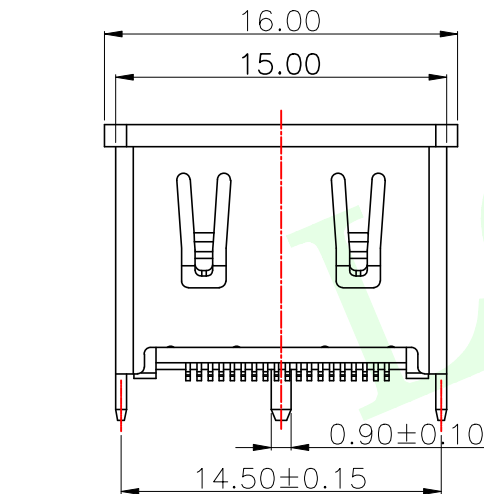
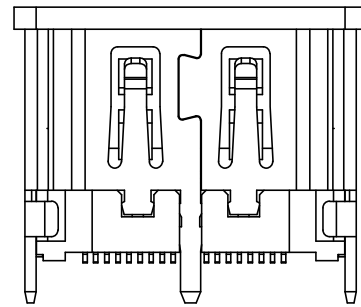
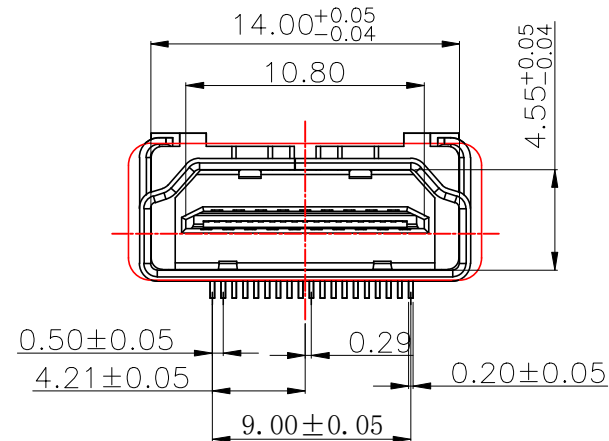


RoHS Compliant



RECOMMENDED P.C.B. LAYOUT(T=1.6mm)

TOLERANCES UNLESS OTHERWISE SPEC.±0.05

NOTES:

1.) MATERIAL:

- 1-1. HOUSING AND COVER:LCP,UL 94V-0,COLOR:BLACK; HF
- 1-2. CONTACT:BRASS T=0.20;
- 1-3. SHELL:BRASS T=0.50;
- 1-4. CAP: LCP BLACK UL 94-V0

2.) FINISH:

- 2-1. CONTACT: Au PLATING ON CONTACT AREA,(SEE P/N DESCRIBING) AU G/F PLATING ON SOLDER TAILS,50u" MIN. Ni UNDERPLATING OVERALL;
- 2-2. SHELL: PLATING Ni 50u" MIN.

3.) SPECIFICATIONS:

- 3-1. VOLTAGE RATING: 40V
- 3-2. CURRENT RATING: 0.5A
- 3-3. INSULATION RESISTANCE: 100MEG.OHM MIN
- 3-4. CONTACT RESISTANCE: 30 MILL.OHM MAX
- 3-5. OPERATION TEMPERATURE: -20° TO +85°
- 3-6. INSERT FORCE: 44.1N MAX
- 3-7. EXTRACT FORCE: 9.8N MIN
- 3-8. DURABILITY: 10000 CYCLES

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		

MEASURE POINT:

QUADRANT POINT

TANGENCY POINT

INTERSECTION POINT

UNLESS OTHERWISE SPECIFIED,TOLERANCE:

X. ±0.25

X.x ±0.20

X.xx ±0.15

ANGULAR ±3°

QP

TP

IP

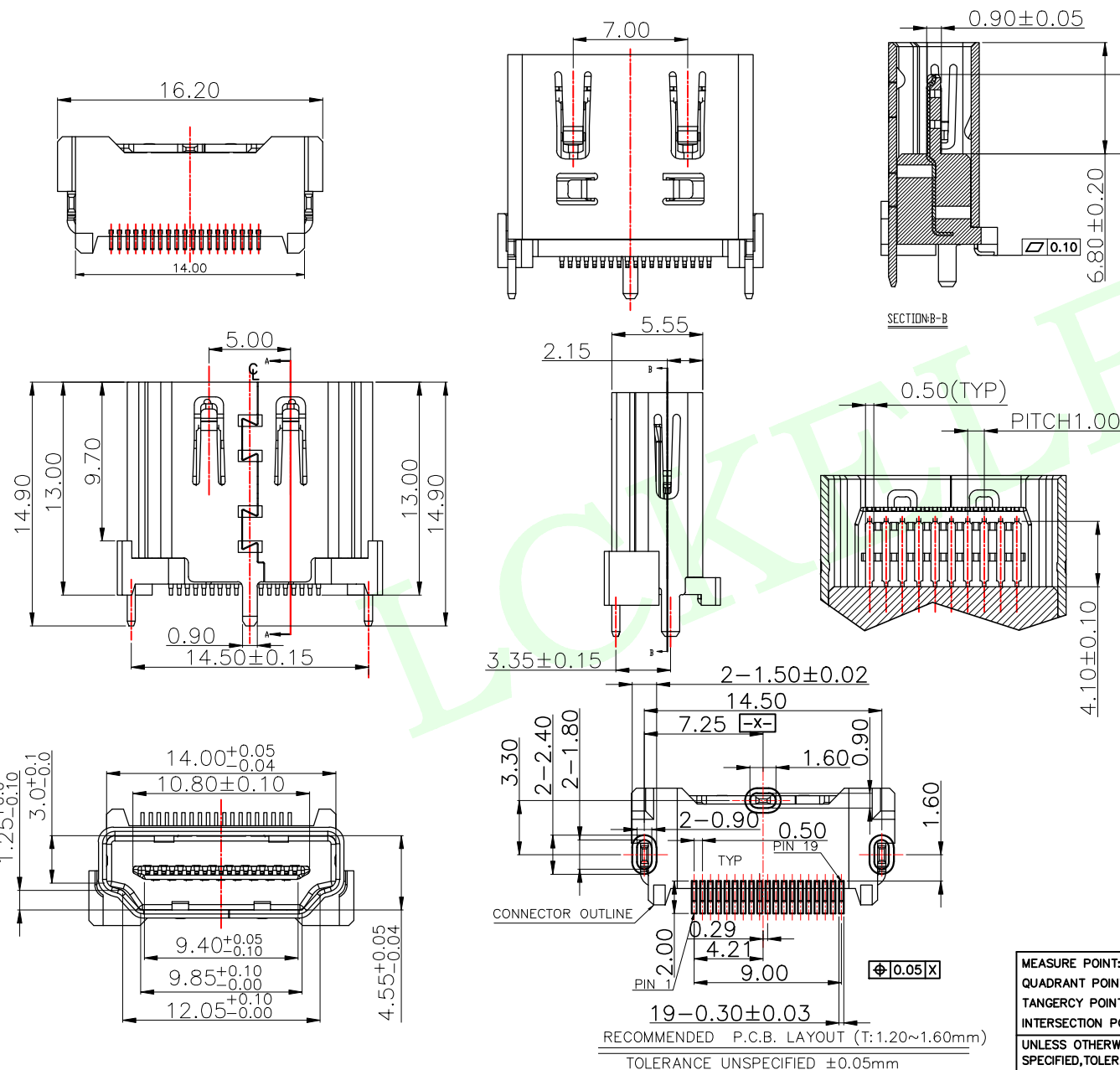


联晟欣连接器（深圳）有限公司

Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:	HDMI TYPE A型直立式SMT
CHECKED		DATE			10.5/13.0/15.0
APPROVED		DATE			
PART NO: LCK-HDMI19-601A				REV: 04	SCALE: 1:1
DRAWING NO:				SIZE: A4	SHEET: 1/1
				UNIT: mm	

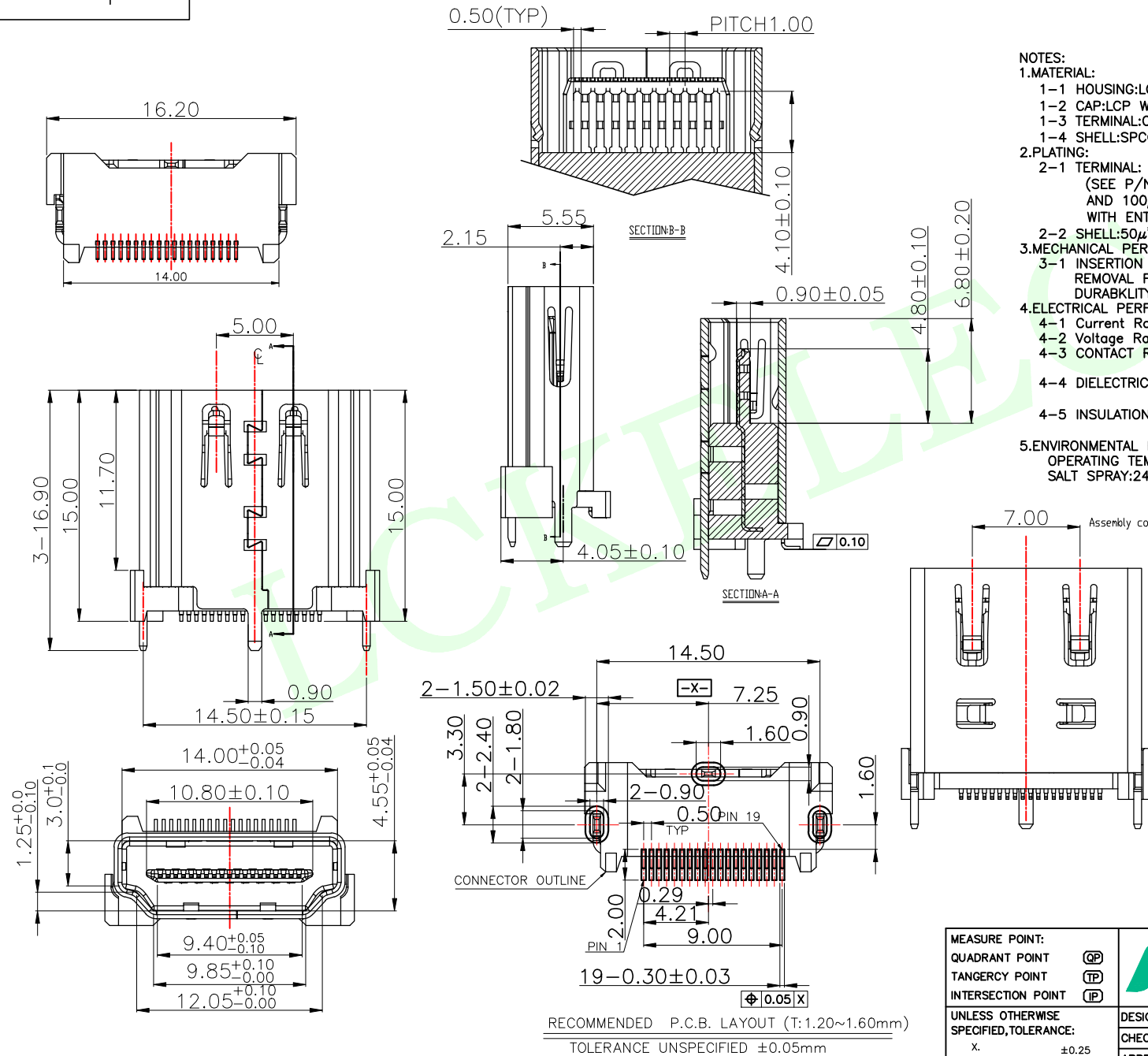
RoHS Compliant



PIN	Signal Assignment	PIN	Signal Assignment
1	TMD5 Data2+	2	TMD5 Data2 Shield
3	TMD5 Data2-	4	TMD5 Data1+
5	TMD5 Data1 Shield	6	TMD5 Data1-
7	TMD5 Data0+	8	TMD5 Data0 Shield
9	TMD5 Data0-	10	TMD5 Clock+
11	TMD5 Clock Shield	12	TMD5 Clock-
13	CEC	14	Utility
15	SCL	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

SIZE: A4	SHEET: 1/1	
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RoHS Compliant



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 100μ" MIN. MATTE-TIN ON SOLDER TAIL,
WITH ENTIRE CONTACT UNDERPLATED 80μ" MIN.NICKEL.

2-2 SHELL:50μ" 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 30mΩ MAX.
AFTER TEST:Δ10 mΩ MAX
- 4-4 DIELECTRIC STRENGTH:UNMATED CONNECTORS APPLY 500V AC
MATED CONNECTOR APPLY 300V AC
- 4-5 INSULATION RESISTANCE:100 MEGAOHMS MIN.(UNMATED)
10 MEGAOHMS 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	SCD	16	SDA
17	DDC/CEC Ground	18	+5V Power
19	Hot Plug Detect		

MEASURE POINT:

QUADRANT POINT

QP

TANGENCY POINT

TP

INTERSECTION POINT

IP

UNLESS OTHERWISE

SPECIFIED,TOLERANCE:

- X. ±0.25
- X.x ±0.20
- X.xx ±0.15
- ANGULAR ±3°



联晟欣连接器（深圳）有限公司

Lianshengxin Connector (Shenzhen) Co., Ltd

DESIGN	Andy	DATE	2014.12.24	TITLE:	HDMI TYPE A型直立式SMT
CHECKED		DATE			10.5/13.0/15.0
APPROVED		DATE			
PART NO:	LCK-HDMI19-601C	REV:	04	SCALE:	1:1
DRAWING NO:		SIZE:	A4	SHEET:	1/1
UNIT:	mm				