

REV	DESCRIPTION	DATE
A	Initial Release	25.03.07

Notes:

*Material:

Housing: LCP, UL94V-0.

Terminal: Copper alloy.

Plating: Au plating on contact area.

Sn plating on solder tail.

Ni underplating overall.

Shell: Copper alloy.

Plating: Ni (50u" Min.) plating overall.

*ELECTRICAL CHARACTERISTICS:

Current Rating: 0.5 AMP.

Voltage Rating: 40 V.

Contact Resistance: 30mΩ max.

Insulation Resistance: 100MΩ min.@500V DC.

Dielectric Withstanding Voltage: 500V AC for 1 minute.

*MECHANICAL CHARACTERISTICS:

Insertion Force: 4.5Kgf max.

Withdrawal Force: 1Kgf ~ 4Kgf.

Life Test: 10000 Cycles.

OPERATING TEMPERATURE: -25°C TO +85°C.

PART NO.

HIR04-21-19 F K 01 J - B 2-R
1 2 3 4 5 6 7 8

1.HDMI UP RIGHT TYPE

2.Contact Positions

19 Poles

3.Contact Type:

F: Female Socket

4.Housing Color:

K: Black

5.Contact Plating:

01: Flash Gold on Contact/Tin over Nickel on Solder Tails

15: 15u" Au on n Contact/Tin over Nickel on Solder Tails

30: 30u" Au on n Contact/Tin over Nickel on Solder Tails

6.Shell Plating

J: Nickel

7.Shell Lead Type

B: Flat Type without Kink

8.Package:

R: CAP+Reel



PANSTRONG COMPANY LTD.

DRAWN BY

TOMMY

CHECKED

TOMMY

TITLE:

HDMI 2.1 19P, A-Type R/A
Upright Type DIP 1.8

APPROVED

CAROL

PART NO:

HIR04-21-19FK01J-B2 -**

DRAWING NO.

SCALE

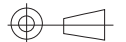
2:3

REV

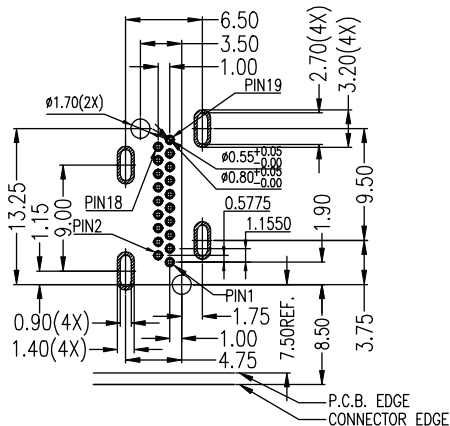
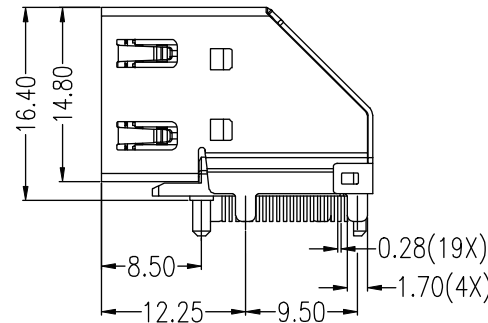
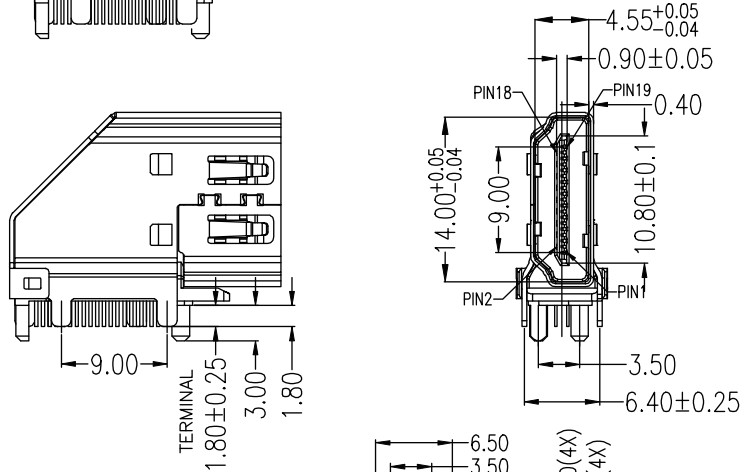
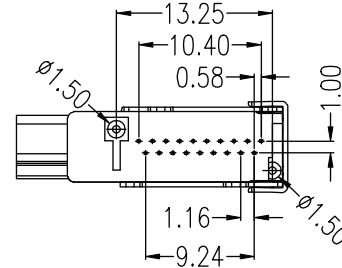
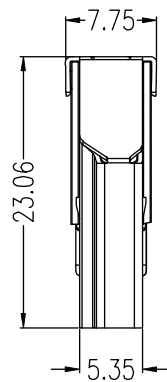
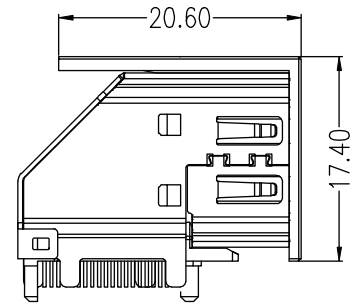
A

UNIT

mm



Tolerance Unless Otherwise Specified		
.X	~	±0.35
.XX	~	±0.25
.XXX	~	±0.15
Angle	~	±3°



RECOMMENDED PCB LAYOUT (TOP VIEW)

TOLERANCE: ±0.05mm

P.C.B. EDGE
CONNECTOR EDGE