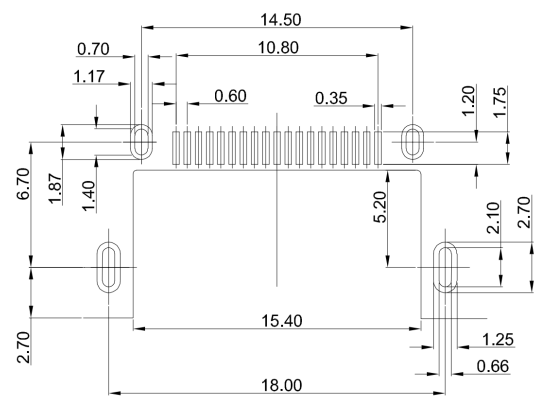
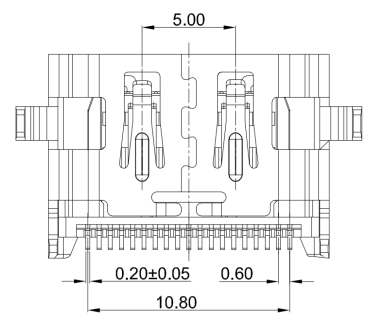
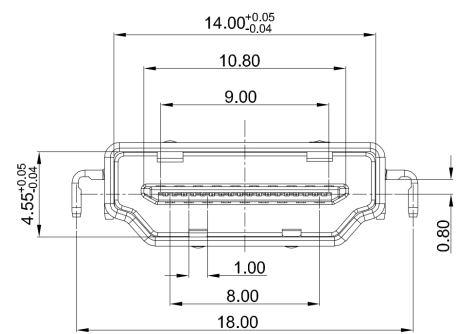
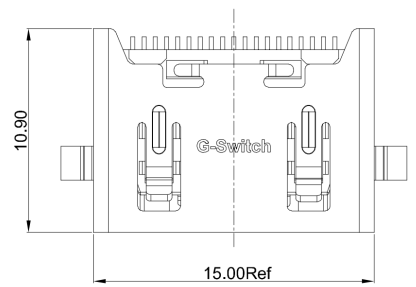
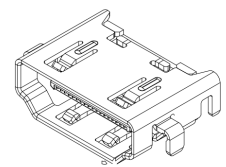
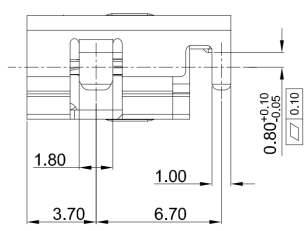
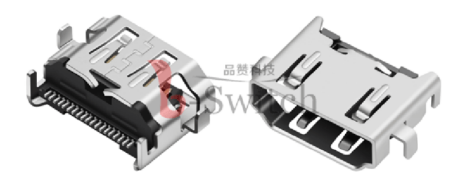




RECOMMENDED PCB LAYOUT
TOLERANCE:±0.05



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



GT-HD002A-F N N G1

DETAIL

A=Sink0.8 SMT

Shell Material

C=Copper alloy
F=Ferroalloy

Shell Plating

N=Ni
G=Gold

Housing Colour

N=Black

Terminal Plating

G0=G/F
G1=1u
G3=3u
G5=5u

G-Switch HDMI Specification:

- 1.Current rated: 0.5A 5V AC/DC
- 2.Withstanding voltage: 500V AC/minute unmated
- 3.Contact resistance: 30mΩ Max
- 4.Insulation resistance: 100MΩ Min
- 5.Operating temperature: -25°C ~ +85°C
- 6.Mating force: 44.1N
- 7.Unmating force: 9.8N~39.2N,After durability: 3N~25N
- 8.Durability cycle: 10,000 cycles

1	SHELL	SPCC	Ni PLATED
2	HOUSING	HIGH TEMPERATURE PLASTIC	LCP+G/F BLACK UL 94 V-0
3	TERMINALS	COPPER ALLOY	Au PLATING ON CONTACT AREA
NO.	PARTS	MATERIAL	REMARKS



SCALE:	UNIT: mm	Title: Horizontal HDMI 19P AF 1.4/2.1 Mid-Mout 3.58 SMT CH=-0.80 L=10.90mm			
SIZE: A4:1		Molde Code: GT-HD002A-FNNG1			
Unless otherwise General Tolerance:		DRAWN	CHECKED	APPROVED	DATE
X,x ±0.35		Jiang	Xia	Chen	2023.02.01
X,xx ±0.25					
X,xxx ±0.15					
X° ±2°					



REV: A0	SHEET: 1/1
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