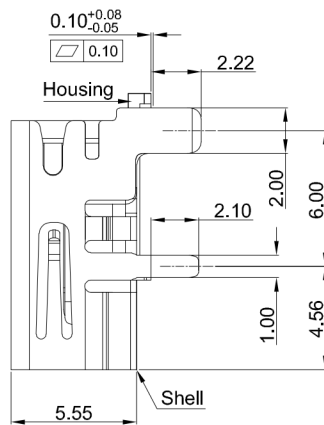
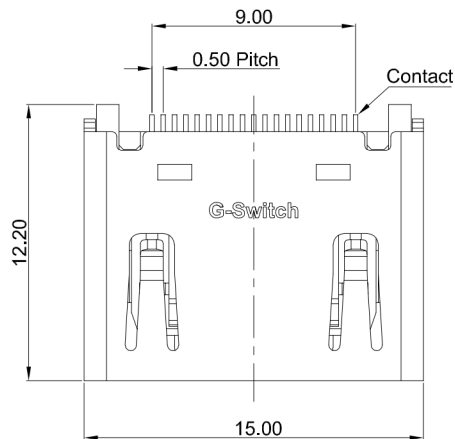
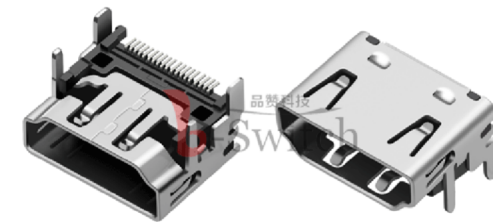




PIN	A Type Signal Assignment	PIN	A Type Signal Assignment
1	TMDS Data2+	11	TMDS Clock Shield
2	TMDS Data2 Shield	12	TMDS Clock-
3	TMDS Data2-	13	CEC
4	TMDS Data1+	14	Utility
5	TMDS Data1 Shield	15	SCL
6	TMDS Data1-	16	SDA
7	TMDS Data0+	17	DDC/CEC Ground
8	TMDS Data0 Shield	18	+5V Power
9	TMDS Data0-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



GT-HD001B-X X N GX

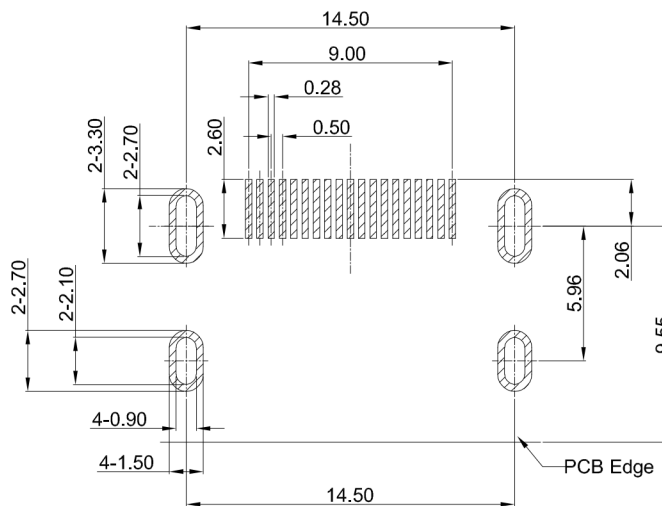
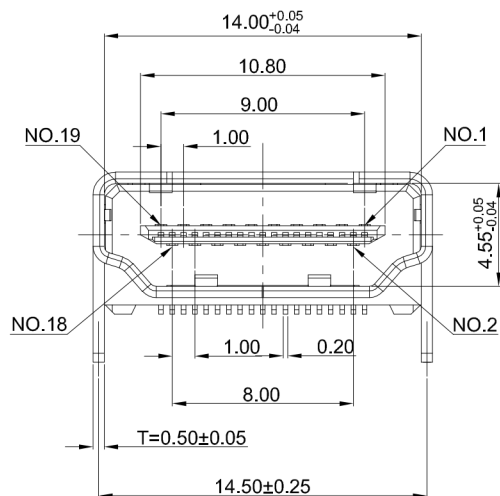
DETAIL
B=Witch spring

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:

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

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



RoHS
Compliant
EU RoHS Standards



SCALE: UNIT: mm
SIZE: A4:1

Unless otherwise
General Tolerance:
X.x ±0.35
X.xx ±0.25
X.xxx ±0.15
X* ±2°

Title: Horizontal HDMI 19P AF 1.4/2.1
Mid-Mout 0.8 SMT CH=3.5 L=12.2mm

Molde Code: GT-HD001B-XXNGX

DRAWN	CHECKED	APPROVED	DATE
Jiang	Xia	Chen	2023.02.01

品赞科技
b-Switch
www.dg-switch.com

REV: A0 SHEET: 1/1