

## 5310 Series

*HDMI A Type 19 Pin Paddle Card Module  
 19P PCB T: 1.0 mm Flat Cable Side  
 (GU311M)*

### Ordering Information

**5310 - XX9 - 31XF19X**

Contact Plating:  
 0: Gold Flash/Tin  
 3: 30u"Gold Plated/Tin

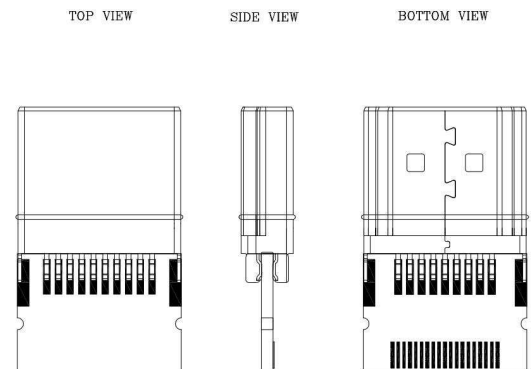
2- Tray

### Specification of Plug

- **Material:**
    - ◆ **Insulator:**  
 Thermoplastic UL 94V-0  
 Color: Black
    - ◆ **Contact:** Copper Alloy
    - ◆ **Shell:** Copper Alloy
  
  - **Electrical:**
    - ◆ **Dielectric Withstanding Voltage:**  
 500VAC
    - ◆ **Contact Resistance:**  
 Contact (30 Milliohms Max.)  
 Shell (50 Milliohms Max.)
    - ◆ **Insulation Resistance:**  
 100 Megaohms Min.(Unmated)  
 10 Megaohms Min.(Mated)
  
  - **Mechanical:**
    - ◆ Insertion Force: 4.5Kgf (Max.)
    - ◆ Withdrawal Fore: 0.5 Kgf ~ 4.0 Kgf
  
  - **Environmental:**
    - ◆ **Temperature range:** -20°C to + 85°C
- ❖ The above ordering data is for our standard products. For Non-Standard products, please contact us.

### Drawing

5310-XX9-312F19X Series



PIN	SIGNAL NAME	PIN	SIGNAL NAME
P1	TMDS Data2+	P2	TMDS Data2 Shield
P3	TMDS Data2-	P4	TMDS Data1+
P5	TMDS Data1 Shield	P6	TMDS Data1-
P7	TMDS Data0+	P8	TMDS Data0 Shield
P9	TMDS Data0-	P10	TMDS Clock+
P11	TMDS Clock Shield	P12	TMDS Clock-
P13	CEC	P14	Utility
P15	SCL	P16	SDA
P17	DDC/CEC Ground	P18	+5V Power
P19	Hot Plug Detect		