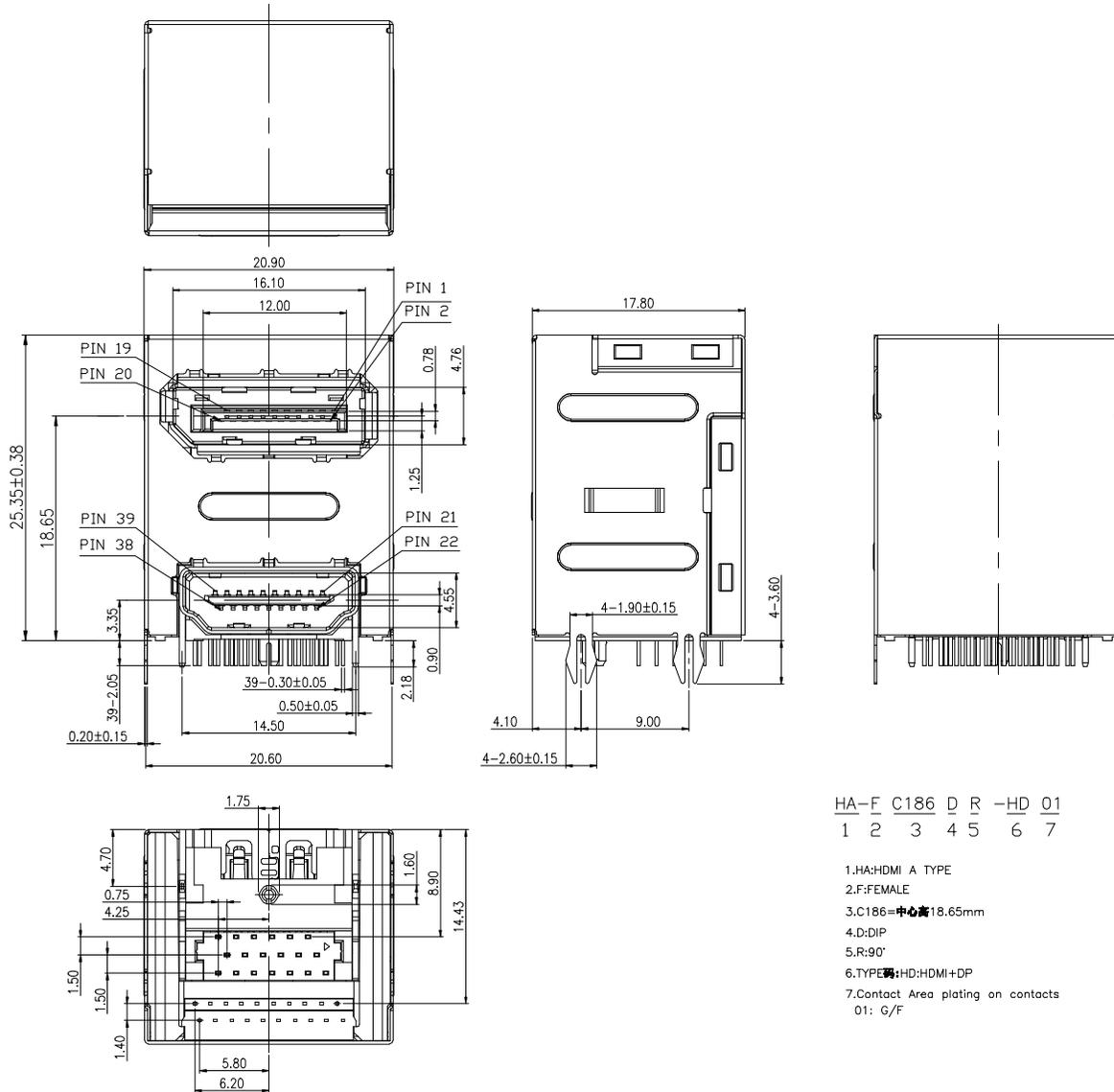


# 环保物料



HA-F C186 D R -HD 01  
1 2 3 4 5 6 7

- 1.HA:HDMI A TYPE
- 2.F:FEMALE
- 3.C186=中心高18.65mm
- 4.D:DIP
- 5.R:90°
- 6.TYPE:HD:HDMI+DP
- 7.Contact Area plating on contacts  
01: G/F

### 1.MATERIAL:

- 1.1 DP HOUSING: LCP, UL94V-0, COLOR: BLACK.
- 1.2 HDMI HOUSING: LCP, UL94V-0, COLOR: BLACK.
- 1.3 DP & HDMI CONTACT: BRASS.
- 1.4 DP SHELL: STAINLESS STEEL.
- 1.5 HDMI SHELL: STEEL.
- 1.6 SHIELD: STAINLESS STEEL.

### 2.FINISH:

- 2.1 CONTACT: GOLD FLASH IN CONTACT AREA,  
80u" Min. MATTE TIN PLATED IN SOLDER AREA,  
30u"Min. NICKEL UNDERPLATED OVERALL.
- 2.2 HDMI SHELL& FRONT SHIELD: 50u" Min. NICKEL PLATED OVERALL.
- 2.3 DP SHELL & REAR SHIELD: NON-PLATED.

### 3. SPECIFICATION:

- 3.1 Displayport
  - 3.1.1 Voltage: 40 VAC(RMS) Max.
  - 3.1.2 Current Rating: 0.5 Ampere per Contact
  - 3.1.3 Contact Resistance: 50 Milliohms Max.
  - 3.1.4 Insulation Resistance: 100 Megohms Min.
  - 3.1.5 Dielectric Withstanding Voltage: 500V DC(RMS)
  - 3.1.6 Total Mating Force: 4.5 Kgf Max.
  - 3.1.7 Total Unmating Force: 1.0 Kgf Min.
  - 3.1.8 Operating Temperature: -25°C to +85°C
- 3.2 HDMI
  - 3.2.1 Voltage: 40 VAC(RMS) Max.
  - 3.2.2 Current Rating: 0.5 Ampere per Contact
  - 3.2.3 Contact Resistance: 30 Milliohms Max.
  - 3.2.4 Insulation Resistance: 100 Megohms Min.
  - 3.2.5 Dielectric Withstanding Voltage: 500V DC(RMS)
  - 3.2.6 Total Mating Force: 4.5 Kgf Max.
  - 3.2.7 Total Unmating Force: 1.0 Kgf Min.
  - 3.2.8 Operating Temperature: -25°C to +85°C

### 4. NOTES:

- 4.1 ALL COMPONENTS ARE RoHS2.0 COMPLIANT.
- 4.2 RESISTANCE TO SOLDERING HEAT: 265°C FOR 5 SECONDS,  
AND ONLY FOR WAVE SOLDERING PROCESS.
- 4.3 Support Display Part 2.0 version  
Support HDMI 2.1a version

REV.	REVISION RECORD	DATE	GENERAL TOLERANCES		SCALE	NAME	DATE	PART NO.	DWG NO.				
A0	新图面发行	23.03.06	LINEAR	ANGLES	1:1	Frey Yang	23.03.06	HA-FC186DR-HD01	ENDE05				
			0.0±0.30	X° REF±6°	APPROVED	Daniel Dong	23.03.06	TITLE					
			0.00±0.25	X° ±3°	DESIGNER	Micky Ma	23.03.06	DP2.0 OVER HDMI2.1 COMBO RECEPTACLE R/A DIP TYPE		REV	A0	SHEET	1/1
			0.000±0.15	X° X' ±2°	DRAWN								

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