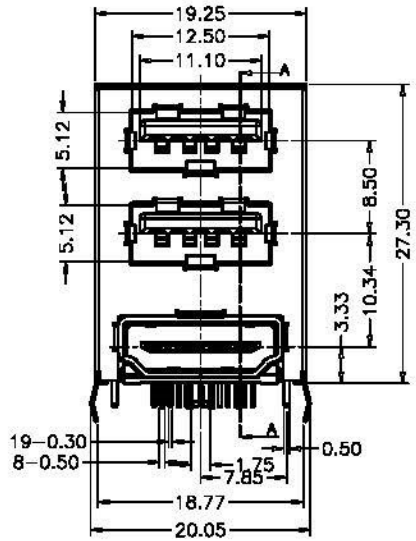
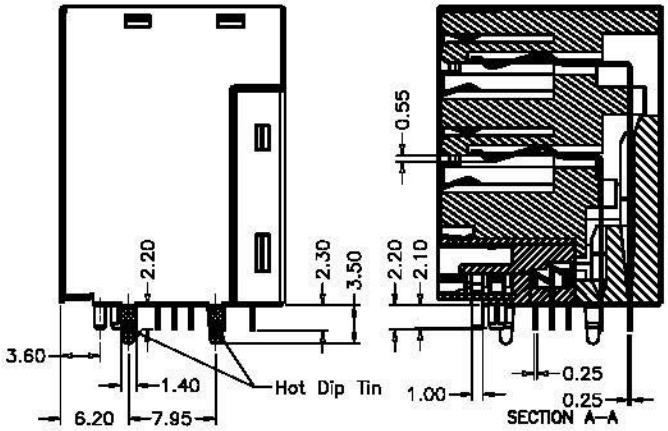
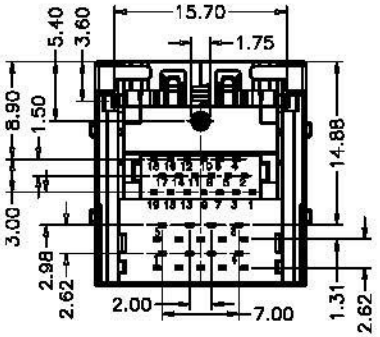
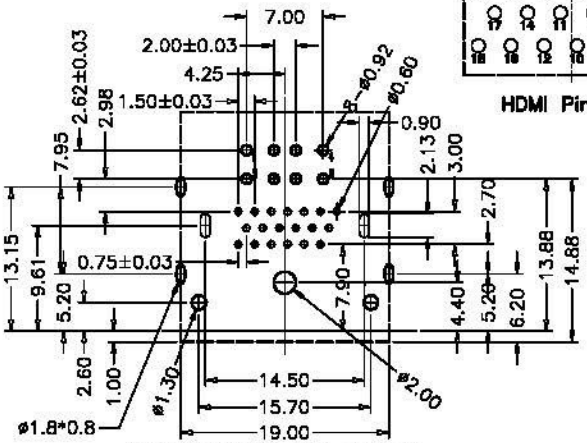




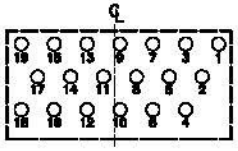


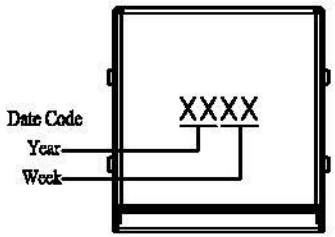


RECOMMENDED PCB LAYOUT

DIMENSION TOLERANCE: ±0.05

PCB THICKNESS:1.60mm





NOTES:

1. MATERIALS:
   - 1.1 USB HOUSING: PBT,UL94V−0,COLOR: BLACK.
   - 1.2 HDMI HOUSING: LCP,UL94V−0,COLOR: BLACK.
   - 1.4 CONTACT: COPPER ALLOY
   - 1.5 USB SHELL: STAINLESS STEEL
   - 1.6 HDMI SHELL: COPPER ALLOY
2. PLATING:
   - 2.1 USB CONTACT: Au PLATED ON CONTACT AREA
     TIN PLATED ON SOLDER TAIL AREA
     NICKEL UNDERPLATING OVERALL.
   - 2.2 HDMI CONTACT:Au PLATED ON CONTACT AREA
     TIN PLATED ON SOLDER TAIL AREA
     NICKEL UNDERPLATING OVERALL.
   - 2.3 HDMI SHELL:NICKEL PLATED
3. MARK [XX] DIMENSIONS SHOULD BE MEASURED BY QC

SPECIFICATIONS

1. USB
   - 1.1 Operation Voltage: 250 VAC(RMS) Max.
   - 1.2 Current Rating: 1.5 Ampere per Pontact
   - 1.3 Contact Resistance: 30 Milliohms Max.
   - 1.4 Insulation Resistance: 1000 Megohms Min.
   - 1.5 Dielectric Withstanding Voltage: 750 VAC(RMS)
   - 1.6 Total Mating Force: 3.57 Kgf Max.
   - 1.7 Total Unmating Force: 1.02 Kgf Min.
   - 1.8 Operating Temperature: −55°C to +85°C
2. HDMI
   - 2.1 Operation Voltage: 40 VAC(RMS) Max.
   - 2.2 Current Rating: 0.5 Ampere per Contact
   - 2.3 Contact Resistance: 30 Milliohms Max.
   - 2.4 Insulation Resistance: 100 Megohms Min.
   - 2.5 Dielectric Withstanding Voltage: 500 VAC(RMS)
   - 2.6 Total Mating Force: 4.5 Kgf Max.
   - 2.7 Total Unmating Force: 1.0 Kgf Min.
   - 2.8 Operating Temperature: −55°C to +85°C

Product Number	Description
205G-DEN0	USBx2 + HDMI, Top Mount DIP Type ,Contact: 15u" Gold Plating Shell: Nickel Plating

REV.	DESCRIPTION	DATE	REV.	DESCRIPTION	DATE
3	Revise:				
2	Revise:				
1	Revise:				

UNLESS OTHERWISE SPECIFIED TOLERANCE

ANGLES	ANG.	±5°
LINEAR	0.	±0.3
	0.0	±0.25
	0.00	±0.20
SCALE	AS SHOWED	UNIT: mm
DRAWN	Willis	2012/10/16
CHECKED	Angel	2012/10/16
APPROVED	Ken	2012/10/16

All Connectors

DRAWN NAME: Dual USB With HDMI Receptacle

PRODUCT NO.	205G-DEN0
FILE NAME	205G-DEN0_B_1

SIZE A4 REV. 1.0