

SECTION A-A

NOTES:

1. MECHANICAL CHARACTER:

- 1.1 INSERTION FORCE: 4.41N Max.
1.2 WITHDRAW FORCE: 5-25N (INITIAL)
1.3 DURABILITY: 5000 CYCLES;

2. ELECTRICAL CHARACTER:

- 2.1. RATED VOLTAGE: 12V Min AC PER CONTACT.
2.2. RATED CURRENT: 0.3 AMPERE Min.
2.3 LCR: 10mΩ Max.
2.4 INSULATION RESISTANCE:
2.4.1 100MΩ Min. (UNMATED @ 500VDC)
2.4.2 10MΩ Min. (MATED @ 150VDC)

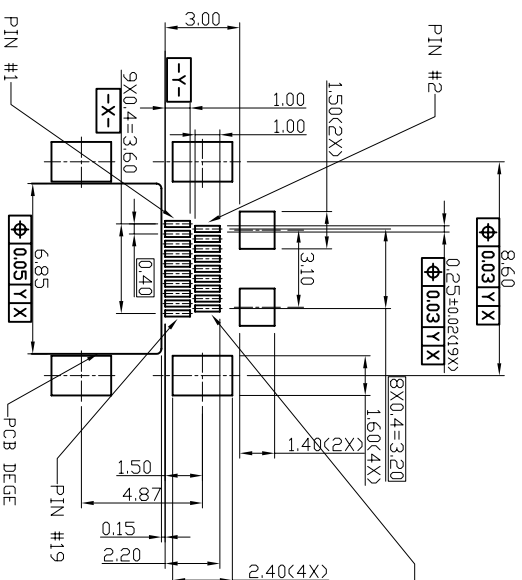
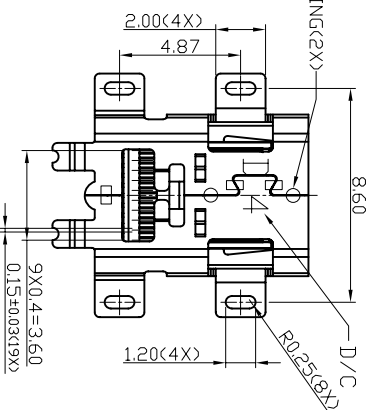
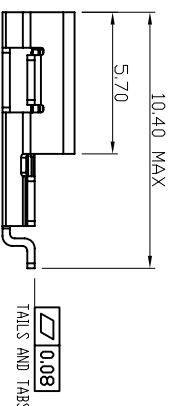
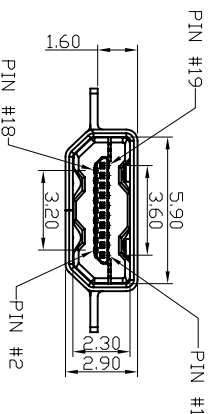
- 2.5 DIELECTRIC WITHSTANDING VOLTAGE:
2.5.1 250VAC Min. (UNMATED @ 1 MINUTE)
2.5.2 150VAC Min. (MATED @ 1 MINUTE)

3. OPERATING TEMPERATURE: -30°C TO +85°C.

4. STORAGE TEMPERATURE: -40°C TO +85°C.

5. CONTACT PLATING:

- 5.1 OVERALL UNDER-PLATE: 2.0μm Min. Ni
5.2 MATING AREAS: 0.75μm Min. GOLD
5.3 SOLDER AREAS: 0.05μm Min GOLD FLASH



ITEM	NAME	Q'TY	MATERIAL	FINISH
5	LDW-1/M	1	HIGH TEMPERATURE THERMOPLASTIC	N/A
4	LDW- CONTACT	9	COPPER ALLOY	SEE NOTE 5
3	UP-CONTACT	10	COPPER ALLOY	SEE NOTE 5
2	UP-1/M	1	HIGH TEMPERATURE THERMOPLASTIC	N/A
1	SHELL	1	SUS304-1/2H	METTA TIN(8 MICRONS MIN.) OVER 1.25MICRONS MIN IN PLATED

GENERAL TOLERANCES (UNLESS SPECIFIED)		TITLE	
mm	INCH	DRAWING NO.	
XXXX ± .***	± .***	CUSTOMER DRAWING FOR	
XXX ± .010	± .010	HDMI D TYPE 0.40mm PITCH	
XX ± .030	± .030	DRAWN BY	
X ± .030	± .030	JONSON Liu	
ANGULAR ±1°	±1°	DATE	
DATE	DATE	2010/09/27	
CHECKED BY	CHECKED BY	DATE	
DATE	DATE	2010/09/27	
SCALE	SCALE	N/A	
1:1	1:1	DESIGN UNITS	
SHEET NO.	SHEET NO.	mm	
1 OF 1	1 OF 1	REVISION NO.	
X10	X10		

REV. NO.	NEW	CHANGE DESCRIPTION
X10	NEW	
REV. NO.	CHANGE DESCRIPTION	
ALL RIGHTS RESERVED TO AMPHENOL		
THIRD ANGLE PROJECTION		
DATE	DATE	
2010/09/27	2010/09/27	
APPROVED BY	APPROVED BY	
Suiya Wang	Suiya Wang	
Amphenol Tianjin	Amphenol Tianjin	