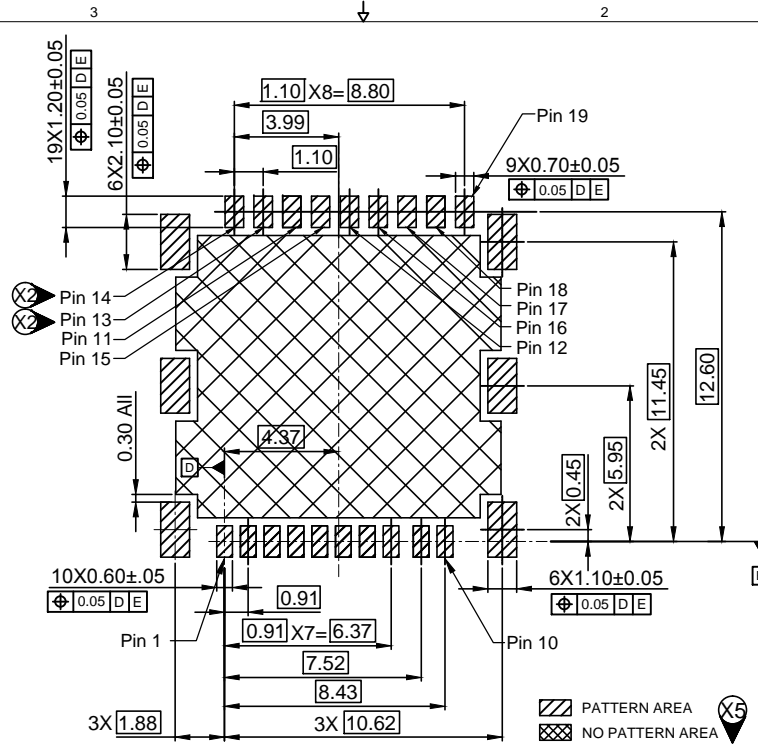
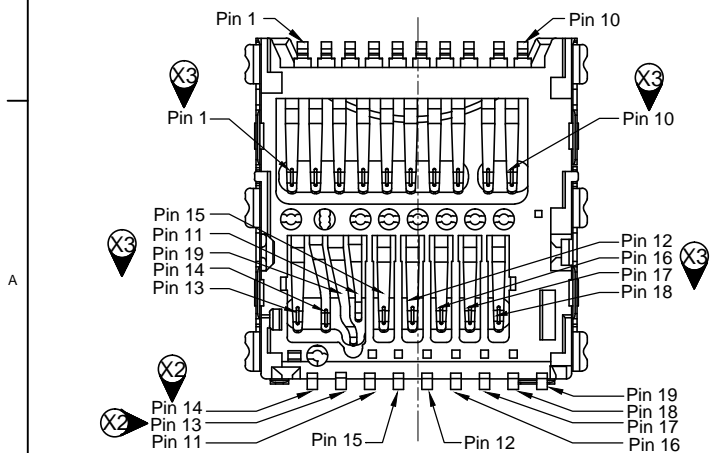
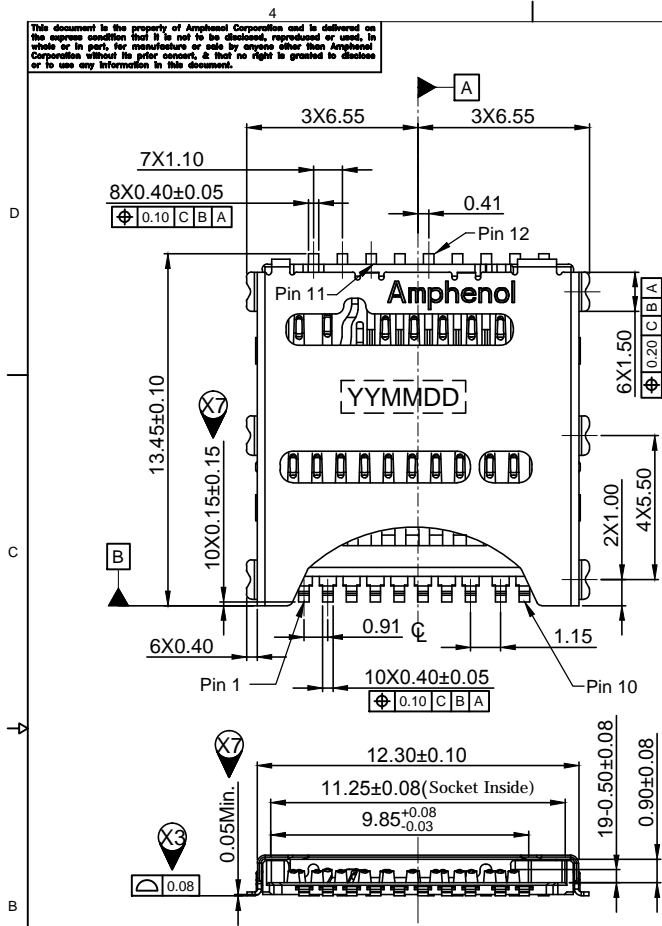
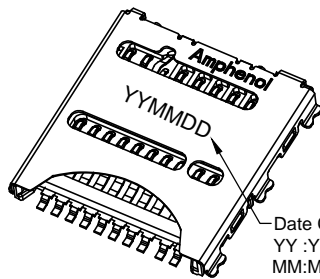
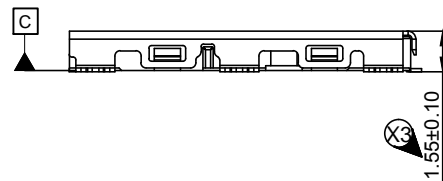


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Recommended PCB Layout (Top View) / 推荐的PCB布局(前视图)

General Tolerances: ±0.05 / 一般公差: ±0.05



Date Code:
YY :Year
MM:Month
DD:Day



REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
X3	XX	sheet 1:change from Coplanarity 0.10mm to 0.08mm sheet 1&2: Increases Pin Number Indicate	05/30/16	Tom
X4	XX	sheet 1: Add Finish J6 options	07/12/16	Tom
X5	XX	sheet 1:Add PCB No Pattern area	08/03/16	Tom
X6	XX	sheet 2:Add Card inserted circuit mapping	08/19/16	Tom
X7	XX	sheet 1:Modify tolerance	09/07/16	Tom

Notes/备注:

1. Material / 材质:

1.1. Housing (塑胶): High Temperature (高温料) UL-V0
Color (颜色): Black (黑色)

1.2. Terminal (端子): Corson Alloy (铜镍硅合金).

1.3. Shell (铁壳): Stainless Steel (不锈钢).

2. Finish / 电镀:

2.1. Terminal: See Part Number Description on Contact Area plating
Au 2u" Min. on Soldering Area Plating Nickel 50~200u" Under Plating Over All

(端子: 接触区域镀金见料号编码原则, 焊接区域镀金 2u" Min., 全区镀镍底 50~200u")

2.2. Shell: Nickel 50~200u" Plating Over All.
(全部镀镍 50~200u")

3. Specification / 规格:

3.1. Electrical Characteristics / 电气特性:

3.1.0. Contact Resistance (接触阻抗): 100mΩ Max.

3.1.1. Dielectric Withstanding Voltage (耐电压): 500VAC Max With 1 Minute

3.1.2. Insulation Resistance (绝缘阻抗): 1000 MΩ Min.

3.1.3. Current Rating (额定电流): 0.5A AC/DC Max.
Rated Voltage (额定电压): 100 V RMS Min.

3.2.3. Operating Temperature (工作温度): -25°C ~ +85°C

3.2.4. Storage Temperature (储存温度): -40°C ~ +85°C

PART NUMBER DESCRIPTION

1 0 1 0 1 7 0 4 X X X X X

Finish:

64: Au 1u"
65: Au 3u"
66: Au 5u"
67: Au 10u"
68: Au 15u"
69: Au 30u"

ROHS:

A: HF

Packing:

2: Tape & Reel

Date Code:

#: With Date Code

X4 J6: Pd-Ni 12u" + Au2u"

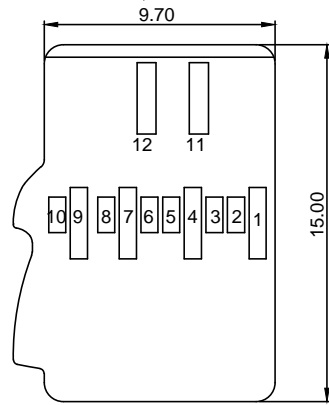
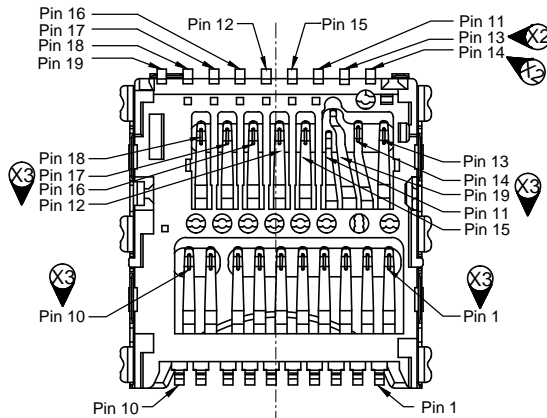
UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol
	U.S. METRIC	DRAWN Allan.Lal	08/19/16	
.X	+/-	CHECKED Wilson.lu	08/19/16	TITLE UFS CARD SOCKET
.XX	+/-	CHECKED		
FRACTIONS +/-		DRAWING FILE:		SIZE DRAWING NO. A3 10101704XXXXX
ANGLES +/-		RD: 工程图/高品部		
FOR MATERIALS AND FINISHES SEE NOTES		REMOVE SHARP EDGES		SCALE NONE SHEET 1 OF 2
DIMENSIONS		ANGLE OF PROJECTION		
U.S.	INCHES			
METRIC	MM			

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UFS Card Use (UFS卡使用)

UFS Card Pin Function Definition: (UFS卡Pin功能定义)

PIN NO.	FUNCTION
Pin 1	VSS
Pin 2	DIN_C
Pin 3	DIN_T
Pin 4	VSS
Pin 5	DOOUT_C
Pin 6	DOOUT_T
Pin 7	VSS
Pin 8	REF_CLK
Pin 9	VCCQ2
Pin 10	C/D(GND)
Pin 11	VSS
Pin 12	VCC



Circuit Mapping Table:
(电路对照表)

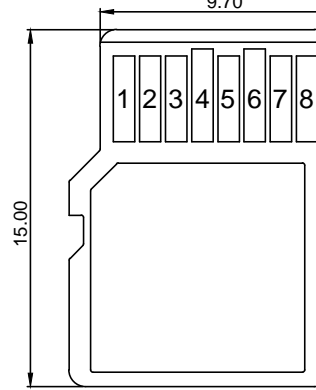
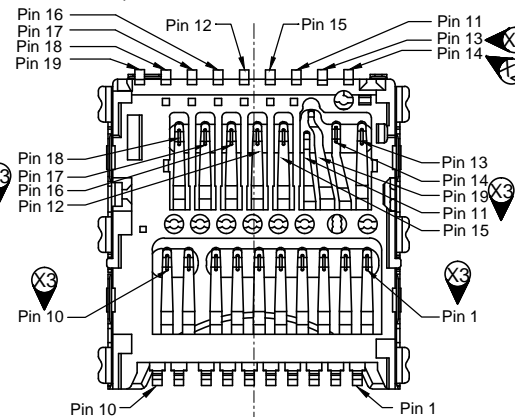
UFS Card	UFS Socket
Pin 1	Pin 1
Pin 2	Pin 2
Pin 3	Pin 3
Pin 4	Pin 4
Pin 5	Pin 5
Pin 6	Pin 6
Pin 7	Pin 7
Pin 8	Pin 8
Pin 9	Pin 9
Pin 10	Pin 10
Pin 11	Pin 11
Pin 12	Pin 12

Without the card (无卡)

UFS Card	UFS Socket
Pin 1	Pin 1
Pin 2	Pin 2
Pin 3	Pin 3
Pin 4	Pin 4
Pin 5	Pin 5
Pin 6	Pin 6
Pin 7	Pin 7
Pin 8	Pin 8
Pin 9	Pin 9
Pin 10	Pin 10
Pin 11	Pin 11
Pin 12	Pin 12

Card inserted(卡插入)

Compatible With Micro SD Card (兼容微型内存卡)



Circuit Mapping Table:
(电路对照表)

Micro SD Card	UFS Socket
Pin 1	Pin 18
Pin 2	Pin 17
Pin 3	Pin 16
Pin 4	Pin 12
Pin 5	Pin 15
Pin 6	Pin 11
Pin 7	Pin 13
Pin 8	Pin 14

Without the card (无卡)

Micro SD Card	UFS Socket
Pin 1	Pin 18
Pin 2	Pin 17
Pin 3	Pin 16
Pin 4	Pin 12
Pin 5	Pin 15
Pin 6	Pin 11
Pin 7	Pin 13
Pin 8	Pin 14

Card inserted(卡插入)

Micro SD Card Pin Function Definition: (微型内存卡Pin功能定义)

PIN NO.	FUNCTION
1	DATA LINE(BIT 2)
2	CARD DETECT/DATA LINE(BIT 3)
3	COMMAND RESPONSE
4	SUPPLY VOLTAGE
5	CLOCK
6	SUPPLY VOLTAGE GROUND
7	DATA LINE(BIT 0)
8	DATA LINE(BIT 1)

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE
	U.S. METRIC	DRAWN Allan.Lal	08/19/18
.X	+/-	CHECKED Welson.lu	08/19/18
.XX	+/-	CHECKED	
FRACTIONS	+/-	DRAWING FILE :	TITLE
ANGLES	+/-	RD	UFS CARD SOCKET
REMOVE SHARP EDGES		ANGLE OF PROJECTION	SIZE
DIMENSIONS			A3
U.S.	INCHES		DRAWING NO.
(METRIC)	(MM)		10101704XXXXX
			REV.
			X7
SCALE	NONE	SHEET 2 OF 2	

