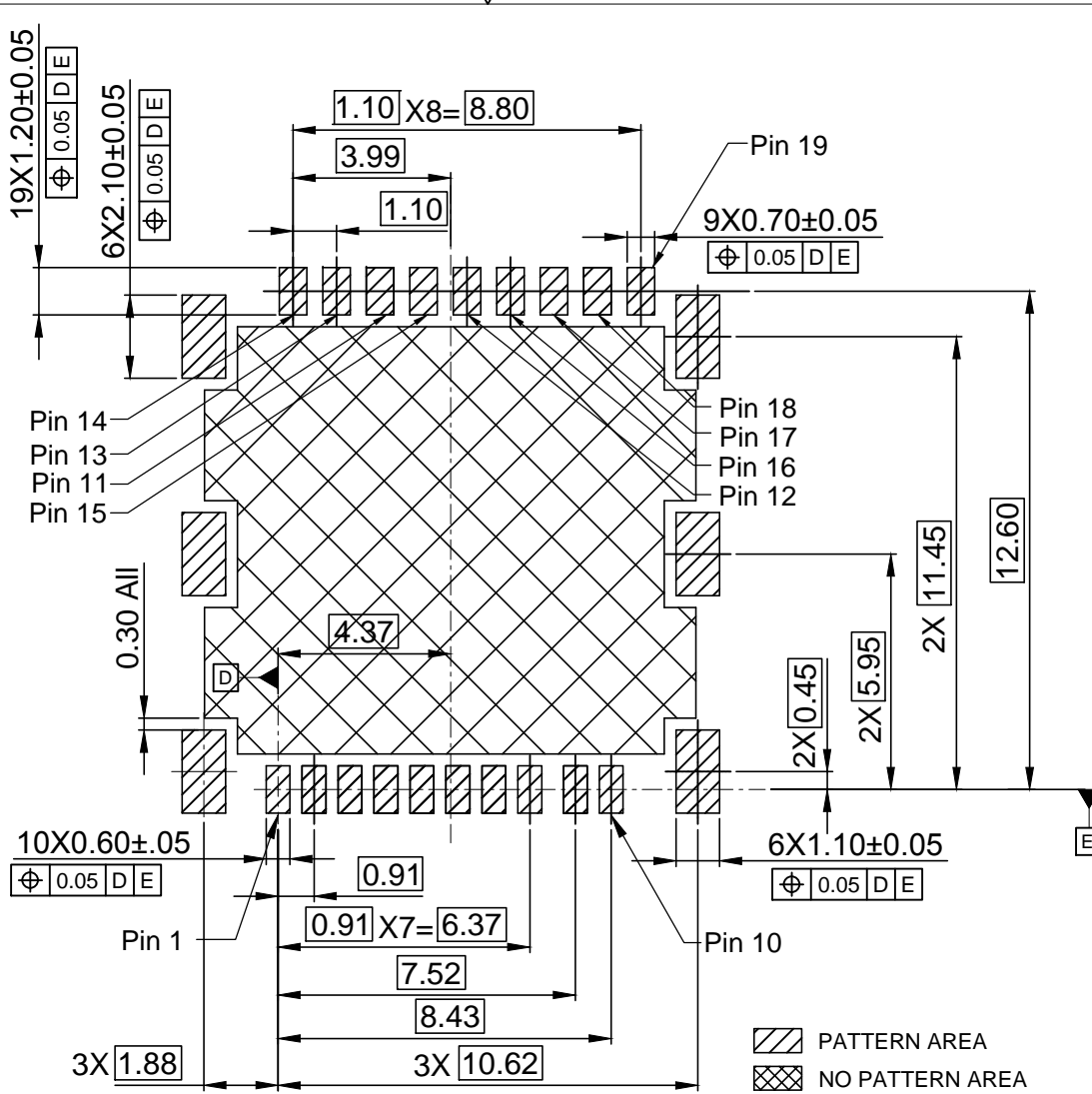
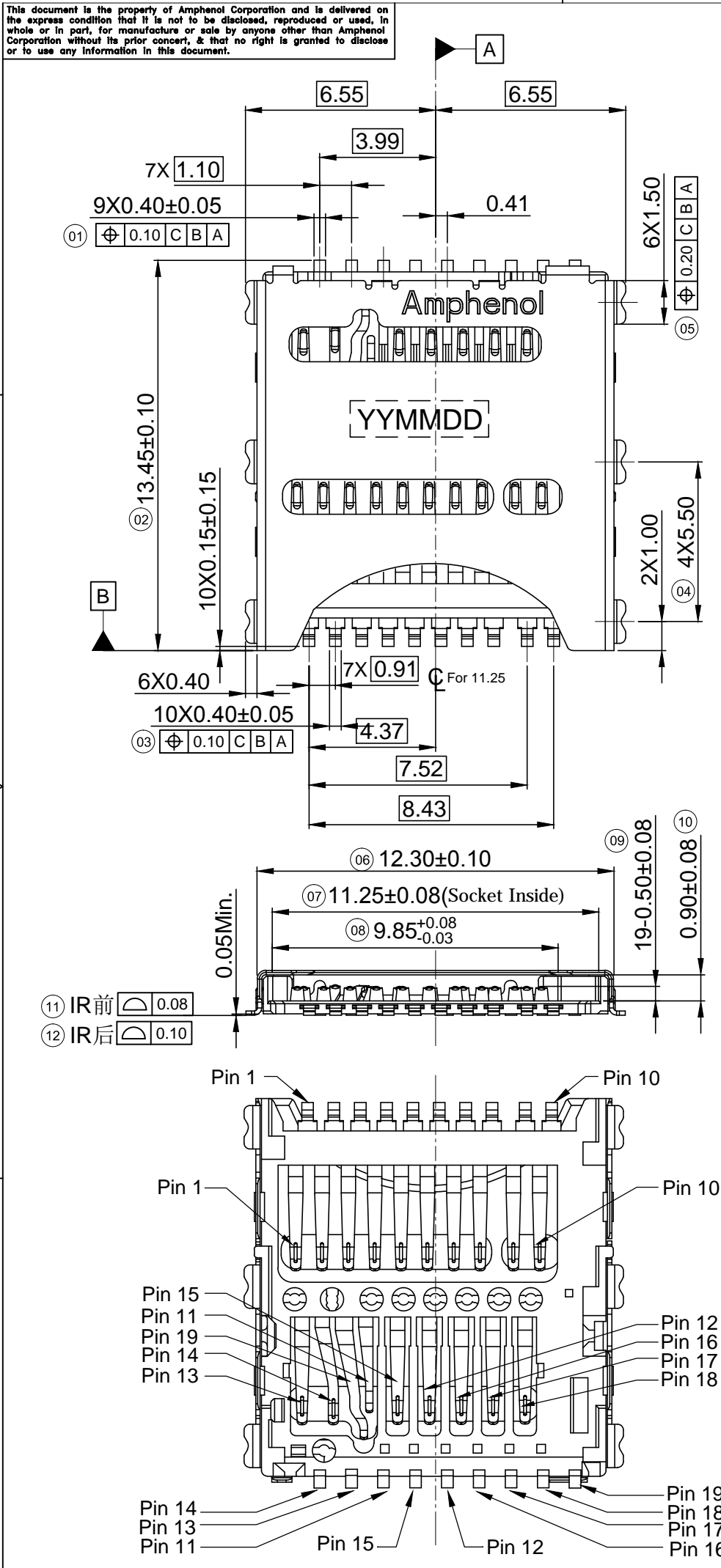
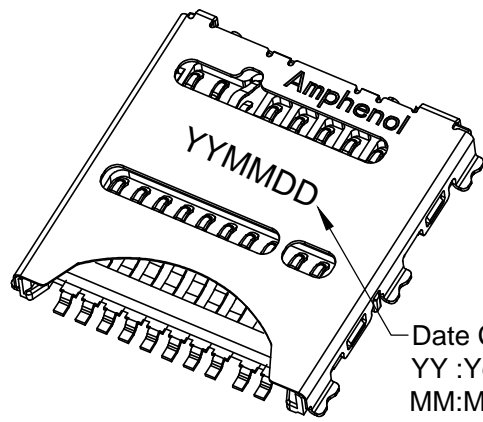
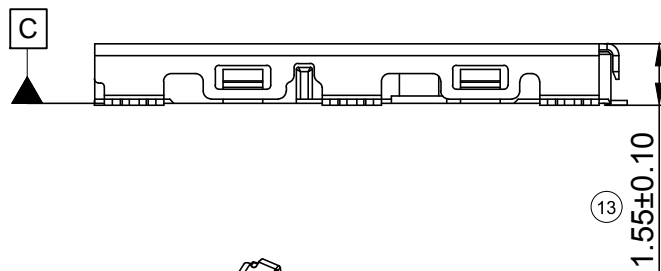


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Recommended PCB Layout(Top View)/推荐的PCB布局(前视图)

General Tolerances:±0.05/一般公差:±0.05



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



UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol	
.X	+/-	U.S.	METRIC		
.XX	+/-	±0.15	±0.10		
FRACTIONS	+/-	±1.0°		TITLE	
ANGLES	+/-			UFS CARD SOCKET	
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		SIZE	
REMOVE SHARP EDGES		RD\工程图\成品图\		DRAWING NO.	
DIMENSIONS		ANGLE OF PROJECTION		10101704XX#2A	
U.S.	INCHES			REV.	
(METRIC)	(MM)			A	
SCALE		NONE		SHEET 1 OF 2	

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 Resisitance (接触阻抗) : 100mΩ Max.
 - 3.1.1. Dielectric Withstanding Voltage (耐电压) : 500VAC Max With 1 Minute
 - 3.1.2. Insulation Resisitance(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"
J6 : Pd-Ni 12u"+Au2u"

ROHS:

A: HF

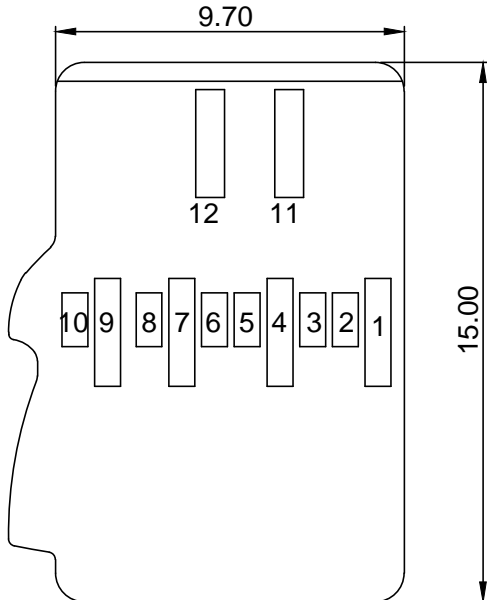
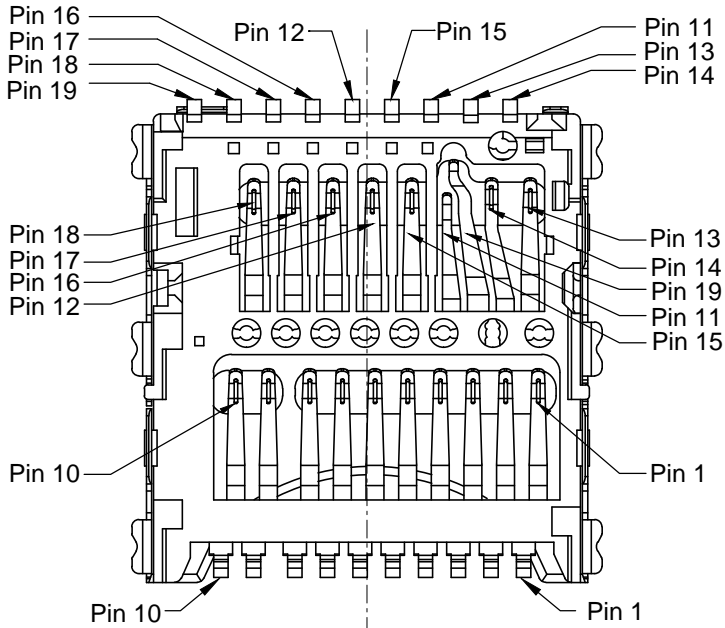
Packing:

2: Tape& Reel

Date Code:

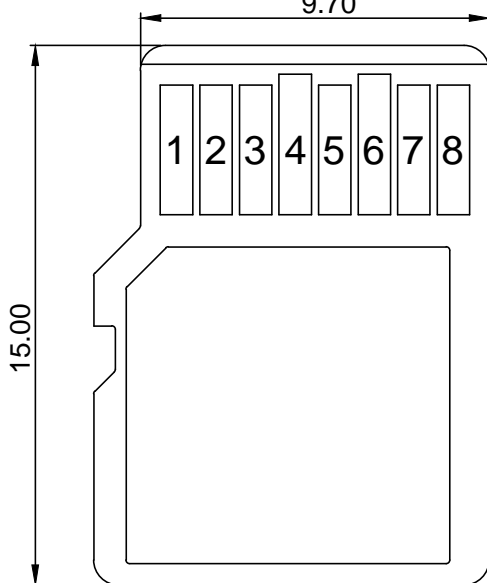
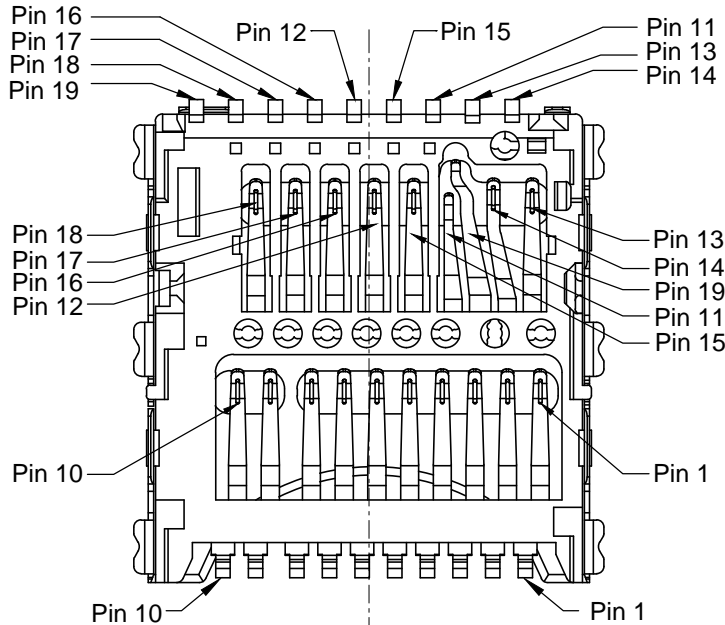
#: With Date Code

UFS Card Use
(UFS卡使用)



UFS Card

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



Micro SD Card

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)

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



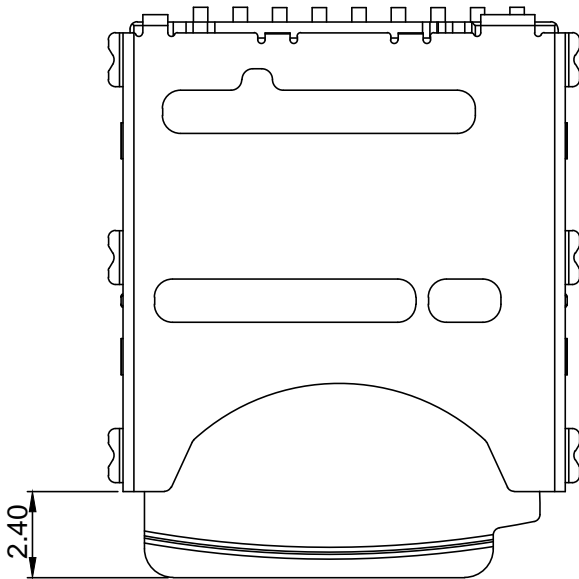
Circuit Mapping Table:
(电路对照表)

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)



View of insert ed card

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 14
Pin 8	Pin 13

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 14
Pin 8	Pin 13

Card inserted(卡插入)

UNLESS OTHERWISE SPECIFIED
TOLERANCES
U.S. METRIC
.X +/- ±0.15
.XX +/- ±0.10
FRACTIONS +/-
ANGLES +/- ±1.0°
FOR MATERIALS AND FINISHES
SEE NOTES
REMOVE SHARP EDGES
DIMENSIONS
U.S. INCHES
(METRIC) (MM)

APPROVAL
DRAWN Allan.Lai
CHECKED Wilson.lu
CHECKED
DRAWING FILE :
RD\工程图\成品图\

ANGLE OF PROJECTION

DATE
05/31/17
05/31/17

TITLE
UFS CARD SOCKET

SIZE A3
SCALE NONE

DRAWING NO.
10101704XX#2A

REV.
A

SHEET 2 OF 2

Mouser Electronics

Authorized Distributor

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