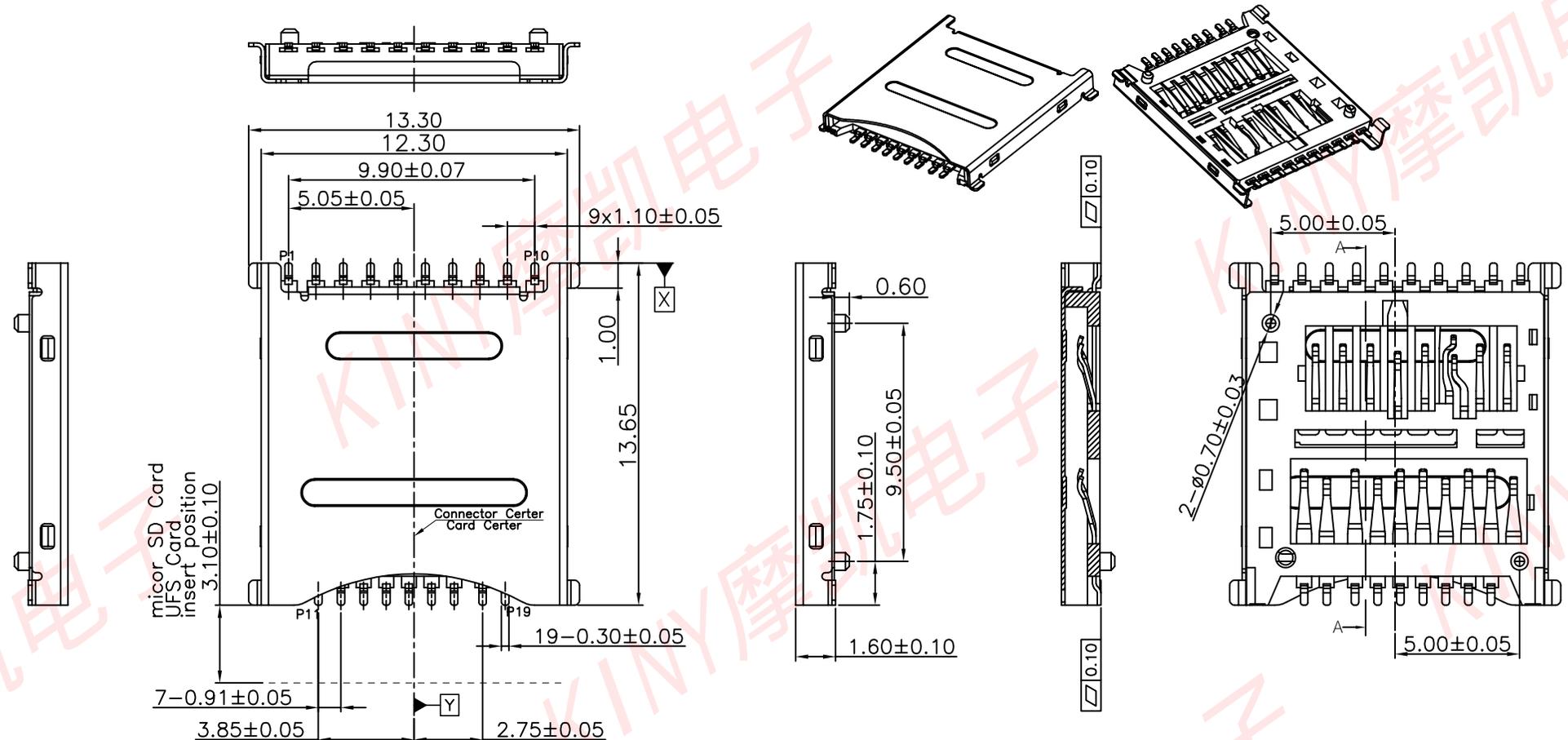


* 所有原料材质, 生产制程, 电镀必须符合IPC要求

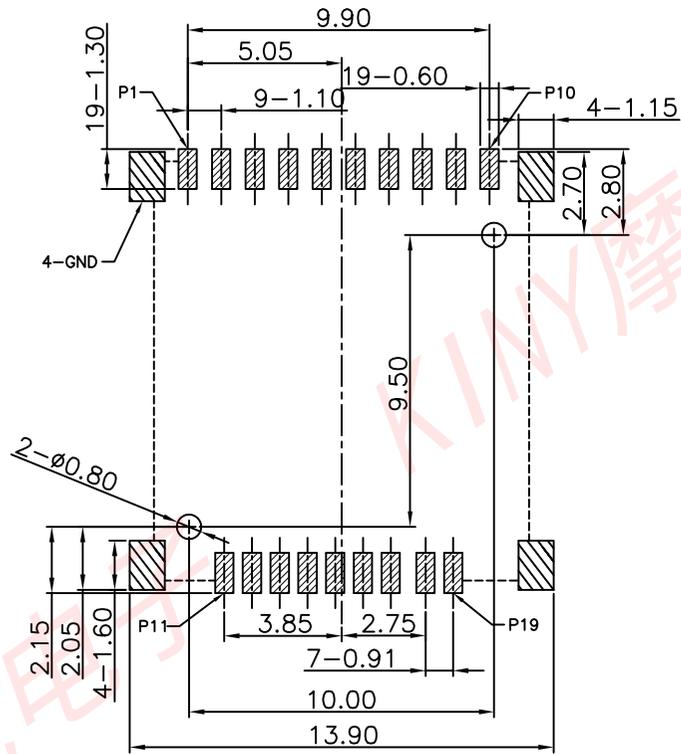


SECTION A-A

	东莞市摩凯电子有限公司				
	DIMENSIONS INIT: mm UNLESS OTHERWISE SPECIFIABLE	PRODUCT NAME : UFS 3 in 1 CARD SMT Type	DRAWING: Faji	DATE: 2017.04.15	
	DIMENSION TOLERANCE X.X: ± 0.35 X.XX: ± 0.20 X.XXX: ± 0.10 ANGULAR: ± 2'	PRODUCT NO. : UF160-T1131-11	CHECK: Alex	DATE: 2017.04.15	
		DRAWING NO. : D-UF160-T1131-11	APPROVED: Alex	DATE: 2017.04.15	
		SCALE: 1:1	DWG ID: C D	REV.: A	PAGE: 1 OF 2

A	----	NEW RELEASE	ping	2017.07.15
REVISION NO.	ECR NO.	DESCRIPTION	MARK	DATE
1				

* 所有原料材质, 生产制程, 电镀必须符合HSE要求



RECOMMEND P.C.B LAYOUT
(General tolerance ± 0.05)

- PAD AREA
- KEEP OUT AREA
- GND PATTERN ONLY

Pin No.	microSD	UFS	UHS-II microSD
P1	VSS	VSS	VSS
P2	8-DAT1		8-RCLK-
P3	7-DAT0		7-RCLK+
P4	6-CD	11-CD	6-CD
P5	5-CLK		5-Not used
P6	4-VDD	12-VCC	4-VDD1(3.3V)
P7	3-CMD		3-Not used
P8	2-DAT3		2-Not used
P9	1-DAT2		1-Not used
P10	VSS	1-VSS	16-VSS
P11		2-DIN_C	15-D1+
P12		3-DIN_T	14-D1-
P13		4-VSS	13-VSS
P14		5-DOUT_C	12-D0-
P15		6-DOUT_T	11-D0+
P16		7-VSS	10-VSS
P17		8-REF_CLK	
P18		9-VCCQ2	9-VDD2(1.8V)
P19	VSS	10-VSS	VSS

Specification

1. MATERIAL:

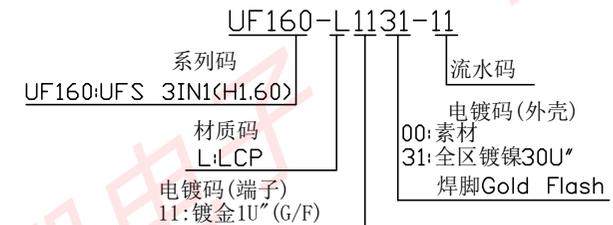
- 1.1 Insulator: High Temperature Thermoplastic, (LCP S475), UL Black 94V-0.
- 1.2 Contact: Phosphor Bronze (C5210R-H, T=0.15 \pm 0.03mm)
- 1.3 Shell: SUS304 T=0.15 \pm 0.03mm

2. Plating:

- 2.1 Contact: Plated 50u"min Ni Overall
Plated 1u"min Au Selective contact area
Gold Flash over Ni on solder area
- 2.2 Shell: Plated 30u"min Ni Overall
Gold Flash Selective Contact Area

3. Property:

- 3.1 Current Rating : 0.5A .
- 3.2 Withstanding Voltage: AC500V r.m.s.
- 3.3 Ambient Temperature Range : -20°C~+60°C
- 3.4 Contact Resistance: 200m Ω max.
- 3.5 Insulation Resistance: 500 M Ω Minimum at DC 500V.
- 3.6 Durability: 10,000 cycles



KINY

东莞市摩凯电子有限公司

DIMENSIONS INIT: mm
UNLESS OTHERWISE SPECIFIABLE

DIMENSION	TOLERANCE
X.X: \pm	0.35
X.XX: \pm	0.20
X.XXX: \pm	0.10
ANGULAR: \pm	2'

PRODUCT NAME : UFS 3 in 1 CARD SMT Type	DRAWING: Faji	DATE: 2017.04.15
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		PAGE: 2 of 2

A	---	NEW RELEASE	ping	2017.04.15
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