

TABLE.1 SWITCH CIRCUIT

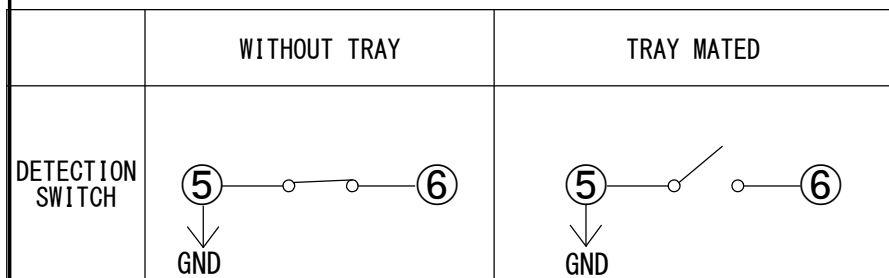


TABLE.3 4FF SIM PIN ASSIGNMENT

C1	Vcc
C2	RST
C3	CLK
C5	GND
C6	Vpp
C7	I/O

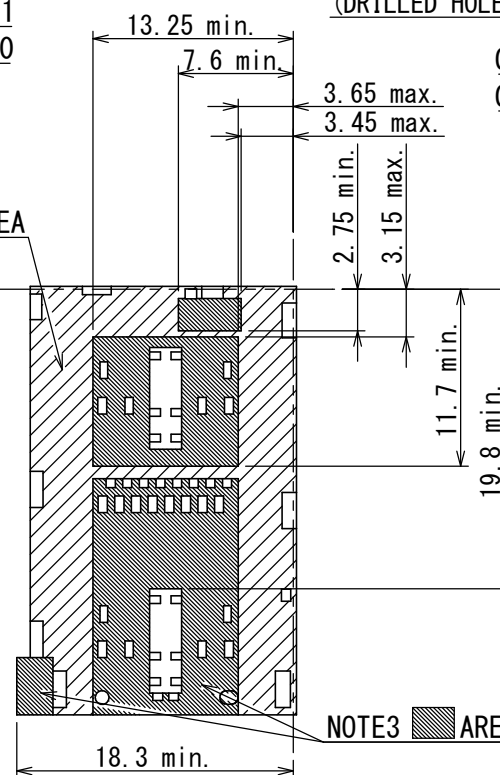
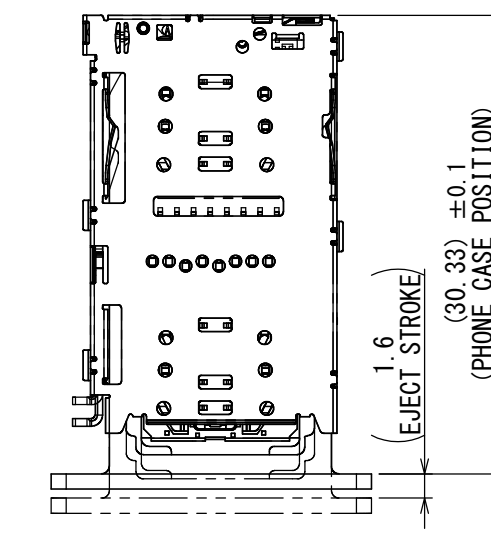
TABLE.4 microSD PIN ASSIGNMENT

#1	DAT2
#2	DAT3
#3	CMD
#4	VDD
#5	CLK
#6	VSS
#7	DAT0
#8	DAT1

TABLE.2 FINISH

PART No.	PART NAME	BASE PLATING		TOP PLATING	
		CONTACT AREA	TERMINAL AREA	CONTACT AREA	TERMINAL AREA
①	CONTACT (4FF SIM)	Ni (1~6 μm)	Ni (1~6 μm)	Au (0.3 μm min.)	Au (0.03 μm min.)
②	CONTACT (μSD)	Ni (1~6 μm)	Ni (1~6 μm)	Au (0.3 μm min.)	
④	COVER	-	Ni (0.5~6 μm)	-	
⑤	DETECTION SWITCH1 (DSW1)	Ni (1~6 μm)		Au	
⑥	DETECTION SWITCH2 (DSW2)	Ni (1~6 μm)		Au (0.1 μm min.)	

TRAY MATED/UNMATED CONITION (2:1)



APPLICABLE PCB DIMENSION (2:1)

符号 No.	名 称 DESCRIPTION	個 数 QTY.	材 料 MATERIAL	仕 上 FINISH	備 考 REMARKS
8	EJECT LEVER	1	STAINLESS STEEL	-	
7	EJECT BAR	1	STAINLESS STEEL	-	
6	DETECTION SWITCH2 (DSW2)	1	COPPER ALLOY	Au over Ni	
5	DETECTION SWITCH1 (DSW1, GND)	1	COPPER ALLOY	Au over Ni	
4	COVER	1	STAINLESS STEEL	Au over Ni	
3	HOUSING	1	LCP	-	
2	CONTACT2 (μSD)	8	COPPER ALLOY	Au over Ni	
1	CONTACT1 (4FF SIM)	12	COPPER ALLOY	Au over Ni	

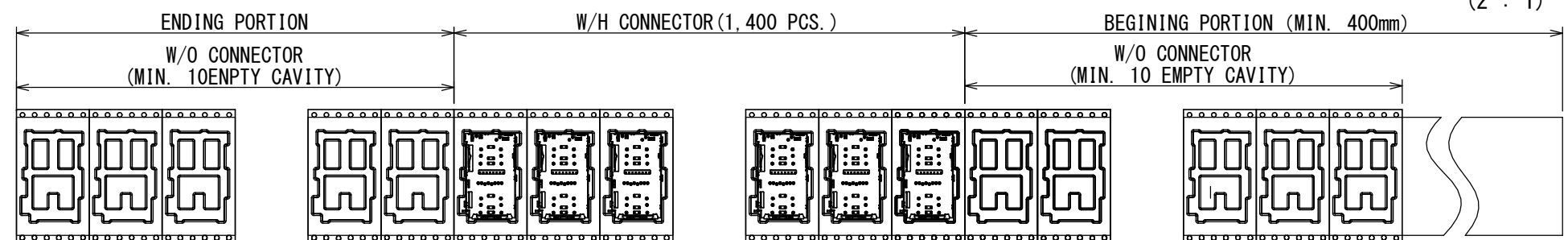
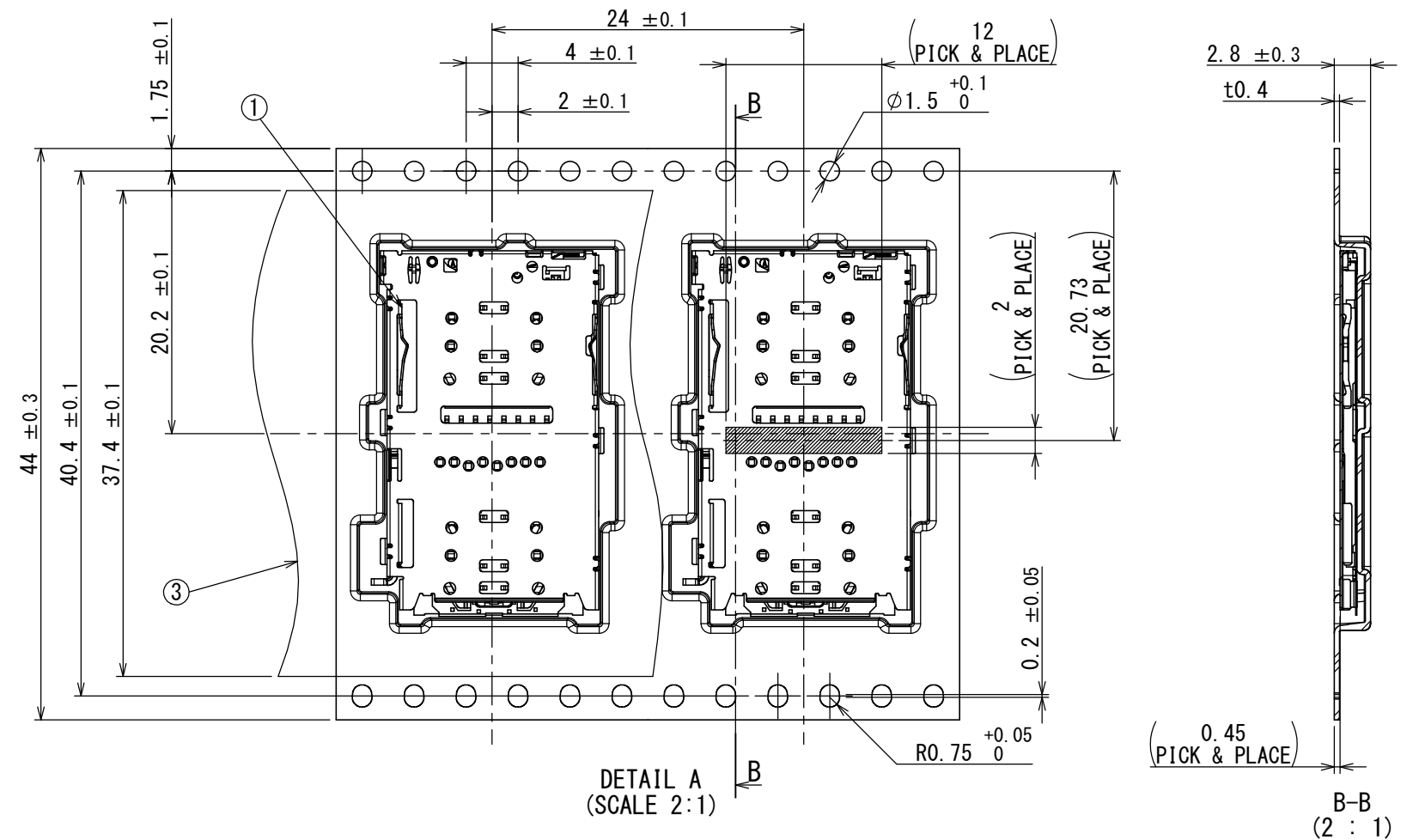
NOTE1. OTHER COMPONENTS CANNOT TOUCH OR REST ON THIS AREA.
NOTE2. ONLY GND PATTERN AND GND VIA HOLE IN ALLOWED IN THIS AREA.
NOTE3. NO PATTERN AND VIA HOLE IN THIS AREA.
NOTE4. DUMMY PAD SHOULD BE ELECTRICALLY ISOLATED.
(No connection to GND on something else)
No solder on this PAD
NOTE5. RECOMMENDED OPEN APERTURE RATIO OF STENCIL MASK : 100%
THICKNESS : 0.1mm
NOTE6. LOT INFORMATION IS SHOWN AS BELOW.
i.e. 6 X 2 5 1

PRODUCT LINE No. 6 : YEAR (2016)
PRODUCTION DATE (YMD) 0 : MONTH (1, 2, 3, ..., 9, 0, X, Y)
28 : DAY
1 : PRODUCT LINE No. (1, 2, 3, ...)

仕様書 (SPECIFICATION)	
JACS-11162* JAH1-11162*	
一般公差 (GENERAL TOLERANCE)	
寸法 (DIMENSION)	角度 (ANGLES)
±0.8	×° ±
× ±0.4	×°' ±
×× ±0.1	
××× ±	
単位 (UNIT) : mm	


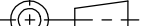
第1版 (ORIGINAL DATE)	
25/NOV/2016	
製 図	
担 当	K. MIKAWA
査 閲	K. KUME
承認	M. SHIMADA

JAE-CONNECTOR.COM	
シ リ ー ズ (SERIES)	
5:1	
名称 (TITLE)	
ST19S020VCA	
質量 (MASS)	
図面番号 (DRAWING NO.)	
SJ117667	
版数 (VER.)	
2	



NOTE2. DESCRIPTION:ST19S020VCAR1400
QTY :1400
LOT NO :DDMMYY-*(*:REEL No.)
EMBOSS CODE:TB44 24

4	REEL	1	PLASTIC	—	
3	COVER TAPE	1	POLYESTER	—	
2	CARRIER TAPE	1	PS	—	
1	CONNECTOR	1400	—	—	SJ117667 (ST19S020VCA)
符号 NO.	名 称 DESCRIPTION	個 数 QTY	材 料 MATERIAL	仕 上 FINISH	備 考 REMARKS

仕様書 (SPECIFICATION)		第1版 (ORIGINAL DATE) 25/NOV/2016		JAE-CONNECTOR.COM		シリーズ (SERIES)		日本航空電子工業株式会社	
JACS-11162* J AHL-11162*		製図 DR.		1:5		ST19			
一般公差 (GENERAL TOLERANCE)		担当 CHK.		名称 (TITLE)		ST19S020VCAR1400		 JAPAN AVIATION ELECTRONICS INDUSTRY, LTD.	
寸法 (DIMENSION)		査閲 APPD.						図面番号 (DRAWING NO.)	
± 0.8 × ± 0.4 ×× ± 0.1 ××× ±		角度 (ANGLES) ×° ± ×°×' ±		承認 APPD.		M. SHIMADA		質量 (MASS) -	
単位 (UNIT) : mm								SJ117668	
								版数 (VER.) 2	