

TABLE 1
SWITCH CIRCUIT

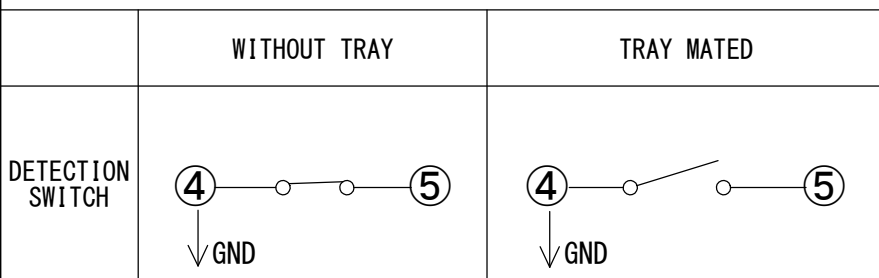
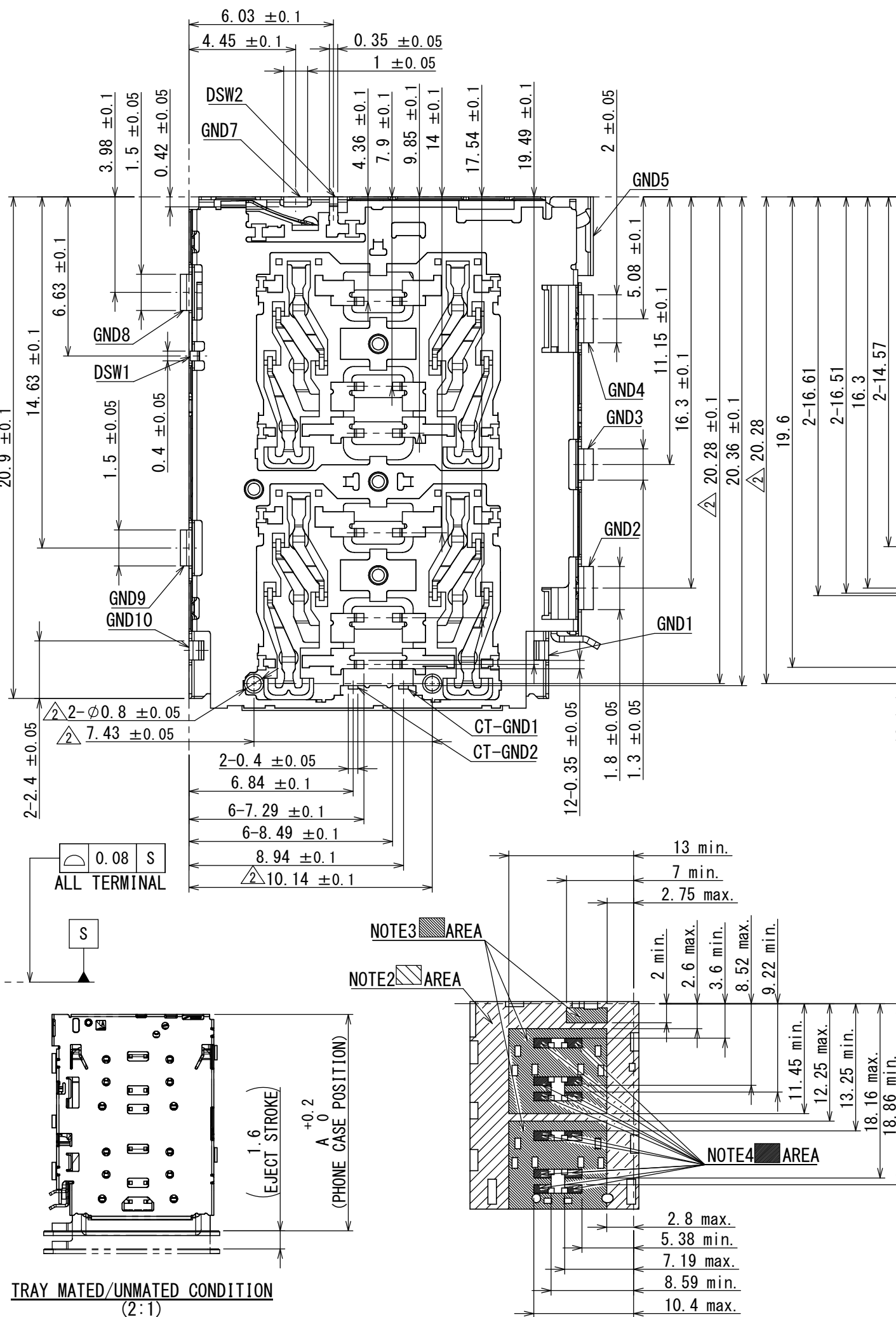


TABLE 2
PIN ASSIGNMENT

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

TABLE 3 FINISH

PART No.	PART NAME	BASE PLATING		TOP PLATING		
		CONTACT AREA	TERMINAL AREA	CONTACT AREA	TERMINAL AREA	
①	CONTACT	Ni (2~6 μm)	Ni (1~6 μm)	Au (0.3 μm min.)	Au (0.03 μm min.)	
③	COVER	-	Ni (0.5~6 μm)	-		
④	DETECTION SWITCH1 (DSW1)	Ni (1~6 μm)		Au (0.1 μm min.)		
⑤	DETECTION SWITCH2 (DSW2)					



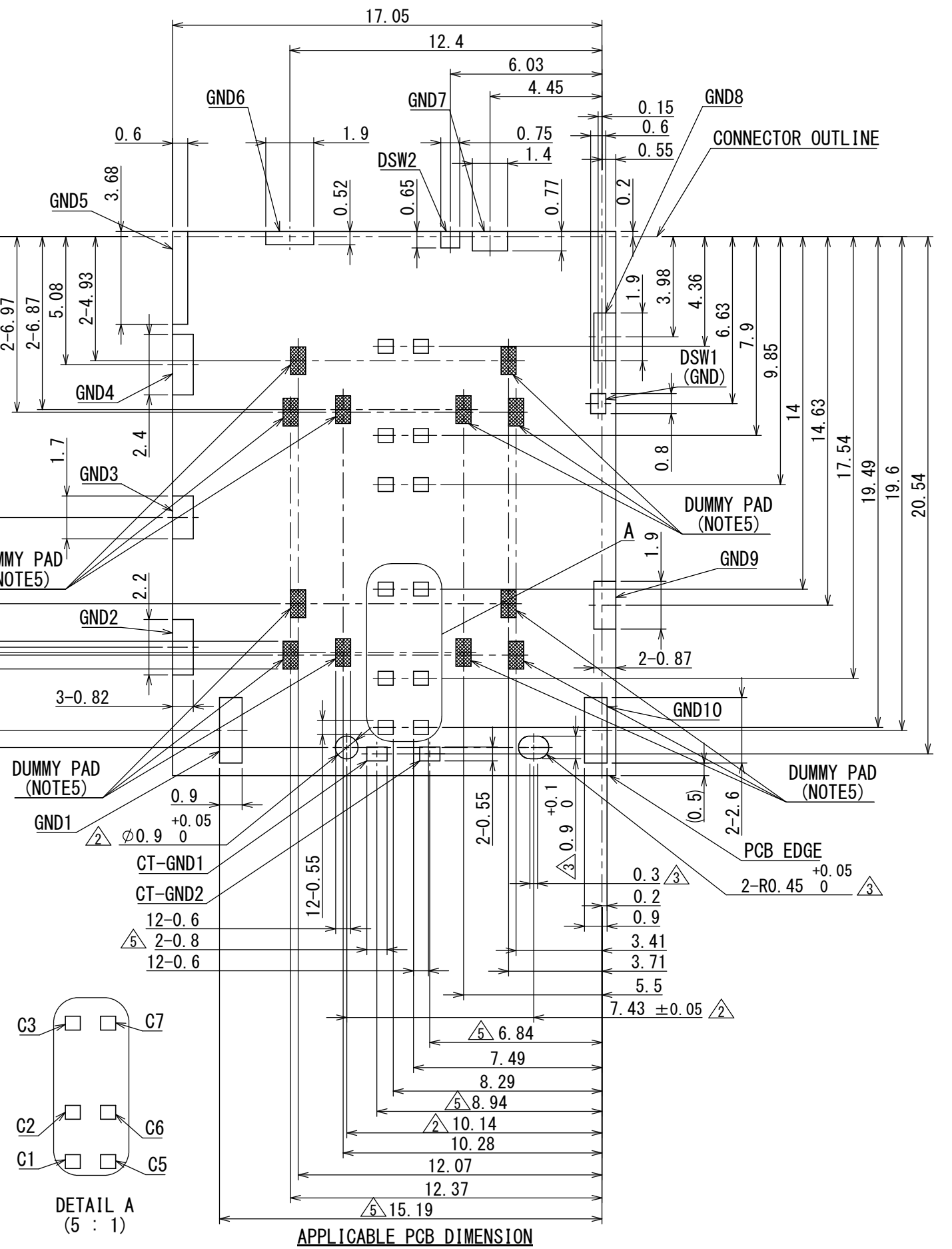
TRAY MATED/UNMATED CONDITION
(2:1)

PCB RESTRICTED AREA

NOTE1. OTHER COMPONENTS CANNOT TOUCH OR REST ON THIS AREA.
NOTE2. ONLY GND PATTERN AND GND VIA HOLE ALLOWED IN THIS AREA.
NOTE3. NO PATTERN AND VIA HOLE IN THIS AREA.
NOTE4. ONLY SAME LINE PATTERN AND VIA HOLE AS INCLUDED PAD ALLOWED IN THIS AREA.
NOTE5. DUMMY PAD SHOULD BE ELECTRICALLY ISOLATED.
(No connection to GND or signals.)
No solder on this PAD.
NOTE6. RECOMMENDED OPEN APERTURE RATIO OF STENCIL MASK : 100%
THICKNESS : 0.1mm
NOTE7. LOT INFORMATION IS SHOWN AS BELOW.
i.e. 7407

PRODUCT LINE No.
PRODUCTION DATE (YMDD)

版数 VER.	年月日 DATE	図 NO.	変更内容 DESCRIPTION	製 図 DR.	担 当 CHK.	査 閲 APPD.	承認 APPD.
2	18/AUG/2016	016319	Changed the boss position		K. MIKAWA	K. KUME	M. SHIMADA
3	11/OCT/2016	018902	CORRECT AN ERROR		K. MIKAWA	K. KUME	M. SHIMADA
4	29/NOV/2016	019520	Added stencil mask thickness		K. MIKAWA	K. KUME	M. SHIMADA
5	07/APR/2017	020994	CORRECT AN ERROR		K. MIKAWA	K. KUME	M. SHIMADA



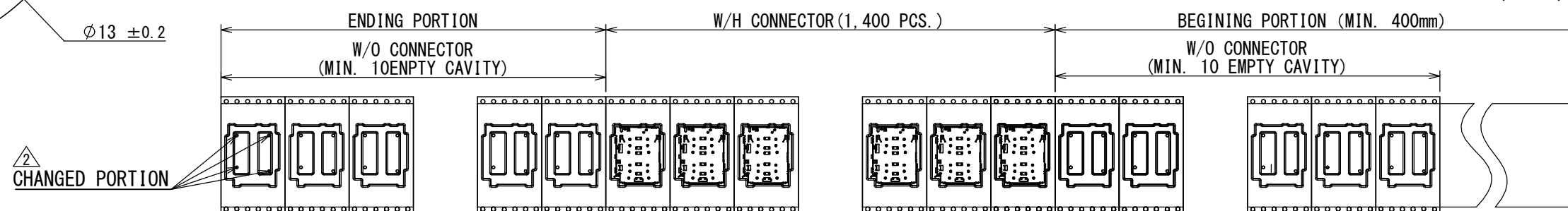
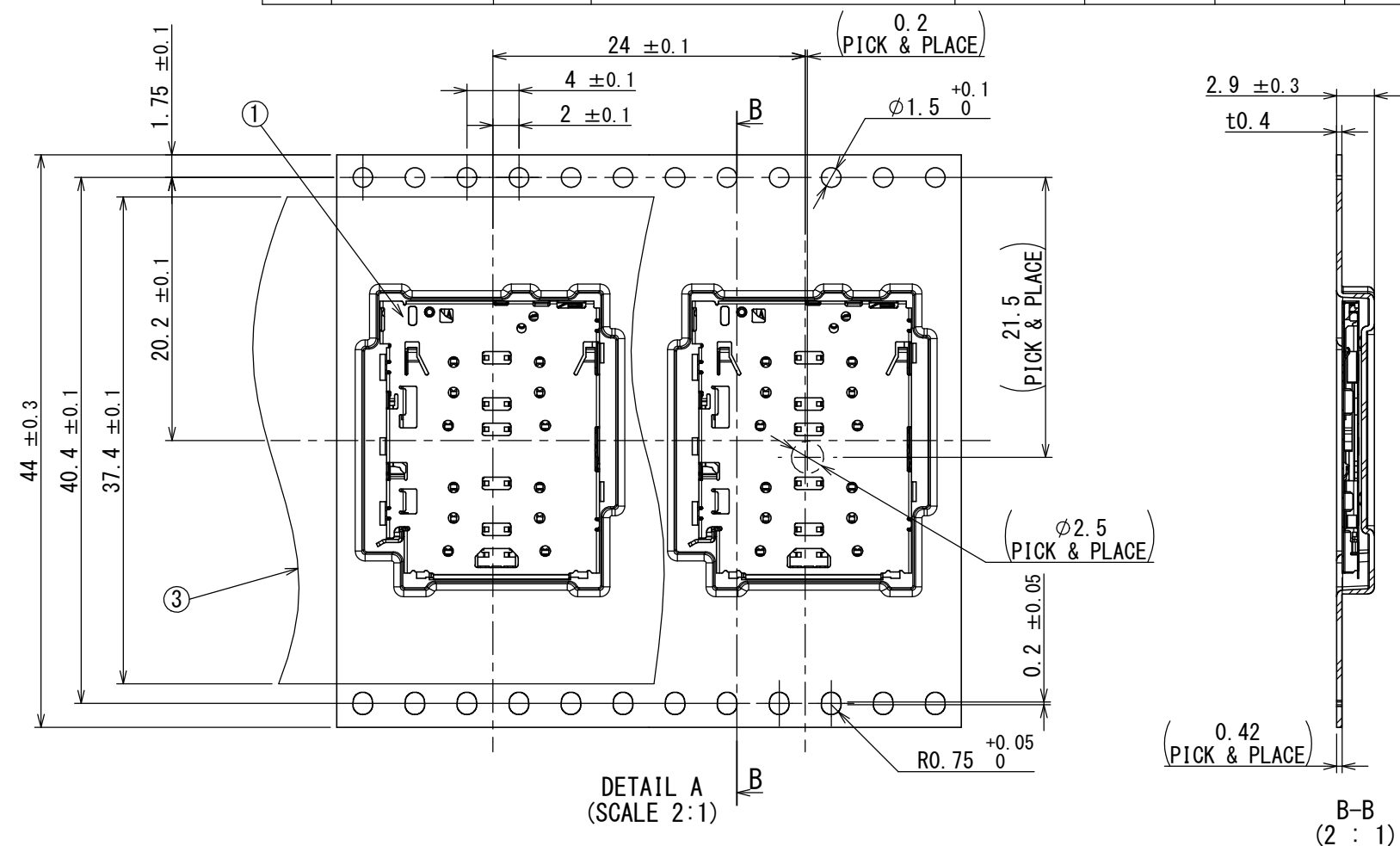
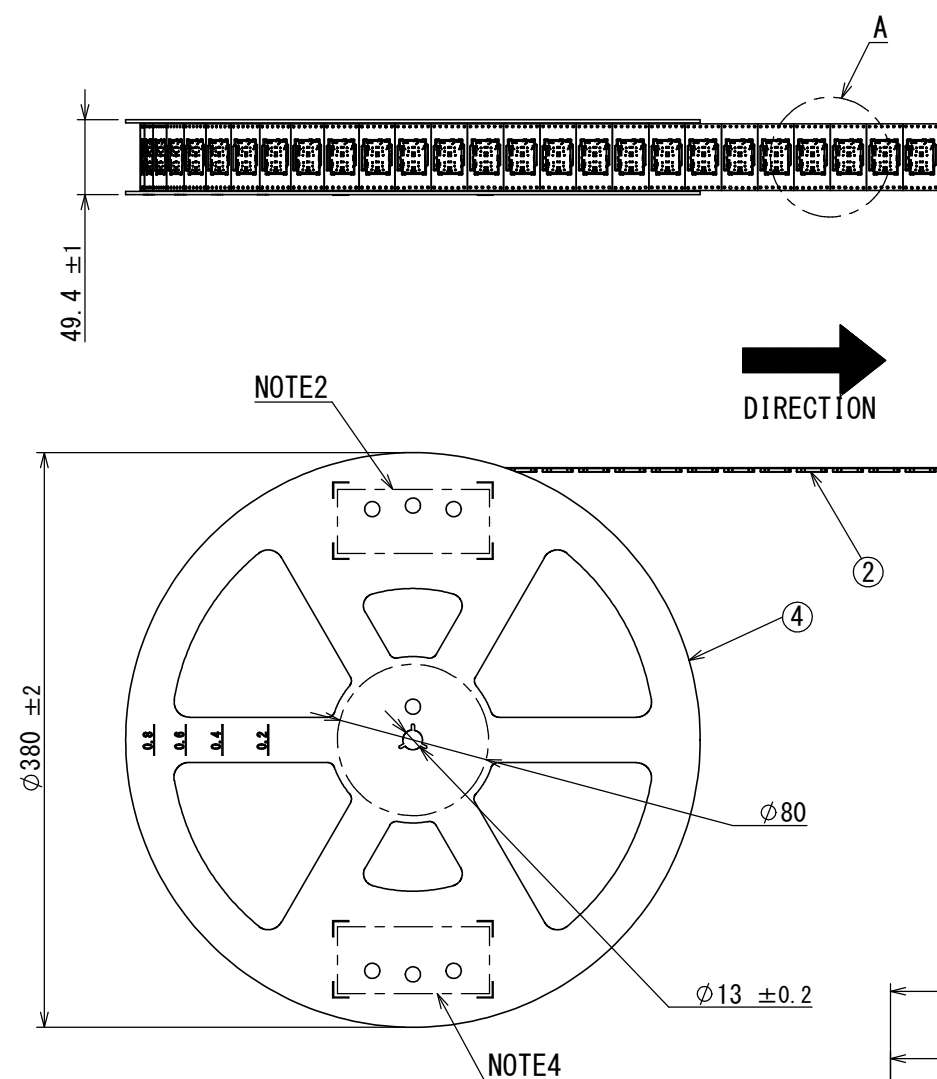
DETAIL A
(5 : 1)

APPLICABLE PCB DIMENSION

7	EJECT LEVER	1	STAINLESS	-	
6	EJECT BAR	1	STAINLESS	-	
5	DETECTION SWITCH2 (DSW2)	1	COPPER ALLOY	TABLE 3	
4	DETECTION SWITCH1 (DSW1, GND)	1	COPPER ALLOY	TABLE 3	
3	COVER FRAME	1	STAINLESS	TABLE 3	
2	HOUSING	1	LCP	-	
1	CONTACT	12	COPPER ALLOY	TABLE 3	

仕様書 (SPECIFICATION)		第1版 (ORIGINAL DATE)		尺 度 (SCALE)	
JACS-11140 JAH1-11140		15/JAN/2016		5:1	
一般公差 (GENERAL TOLERANCE)		製 図 担 当		シ リ ー ズ (SERIES)	
寸 法 (DIMENSION)		K. MIKAWA		SF78	
角 度 (ANGLES)		査 閲 承認		名称 (TITLE)	
×° ±		M. SHIMADA		SF78S012VBA	
×°' ±				材 料	
×× ±0.1				JAE	
××× ±				仕 上	
単位 (UNIT) : mm				備 考	
				図面番号 (DRAWING NO.)	
				SJ117282	
				版 数 (VER.)	
				5	

版数 VER.	年月日 D A T E	CN NO.	変 更 内 容 DESCRIPTION	製 図 DR.	担 当 CHK.	査 閲 APPD.	承 認 APPD.
2	16/JAN/2018	023412	Form change of cover		K. MIKAWA	-	M. SHIMADA


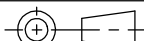


- NOTE1. SUFFIX "R1400" OF THE PART NUMBER INDICATES THAT 1400 PCS. OF SF78S012VBA CONNECTORS ARE ACCOMODATED IN ONE REEL.
2. THE LABEL IS TO BE ATTACHED ON THE MAGAZINE AS SHOWN, AND DESCRIPTION, QTY, LOT NO, EMBOSS CODE ARE SHOWN.
3. REFER TO THE DRAWING, SJ117282 (SF78S012VBA) FOR THE DIMENSION OF THE CONNECTOR.
4. IF THERE IS ANOTHER ASSIGNED LABEL, THE LABEL IS TO BE ATTACHED. (REFER TO JACS)

NOTE2. DESCRIPTION:SF78S012VBAR1400
QTY :1400
LOT NO :DDMMYY-*(*:REEL No.)
EMBOSS CODE:TB44 24

24:PITCH
44:TAPE WIDTH

4	REEL	1	PLASTIC	—	
3	COVER TAPE	1	POLYESTER	—	
2	CARRIER TAPE	1	PS	—	
1	CONNECTOR	1400	—	—	SJ117282 (SF78S012VBA)
符号 NO.	名称 DESCRIPTION	数量 QTY	材料 MATERIAL	仕上 FINISH	備考 REMARKS

仕様書 (SPECIFICATION)		第1版 (ORIGINAL DATE)		尺度 (SCALE)		シリーズ (SERIES)		図面番号 (DRAWING NO.)		版数 (VER.)
JACS-11140		03/JUN/2016		1:5		SF78		日本航空電子工業株式会社		
一般公差 (GENERAL TOLERANCE)		担当 CHK.		名称 (TITLE)		SF78S012VBAR1400		 JAPAN AVIATION ELECTRONICS INDUSTRY, LTD.		
寸法 (DIMENSION)		査閲 APPD.								
角度 (ANGLES)		承認 APPD.								
± 0.8		×° ±		質量 (MASS)				SJ117283		
× ± 0.4		×°×' ±								
×× ± 0.1		単位 (UNIT) : mm								
××× ±										