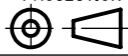


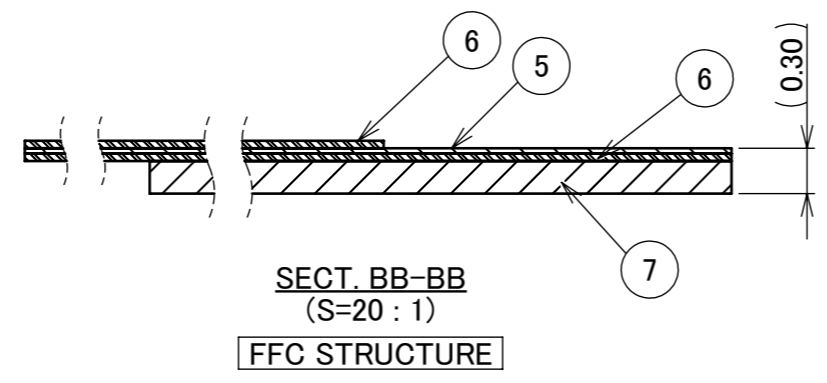
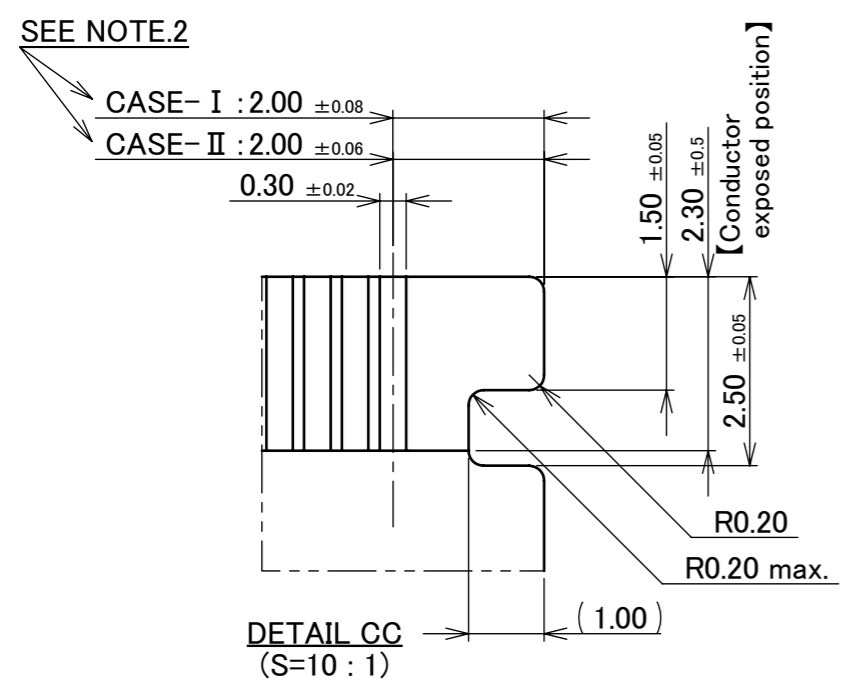
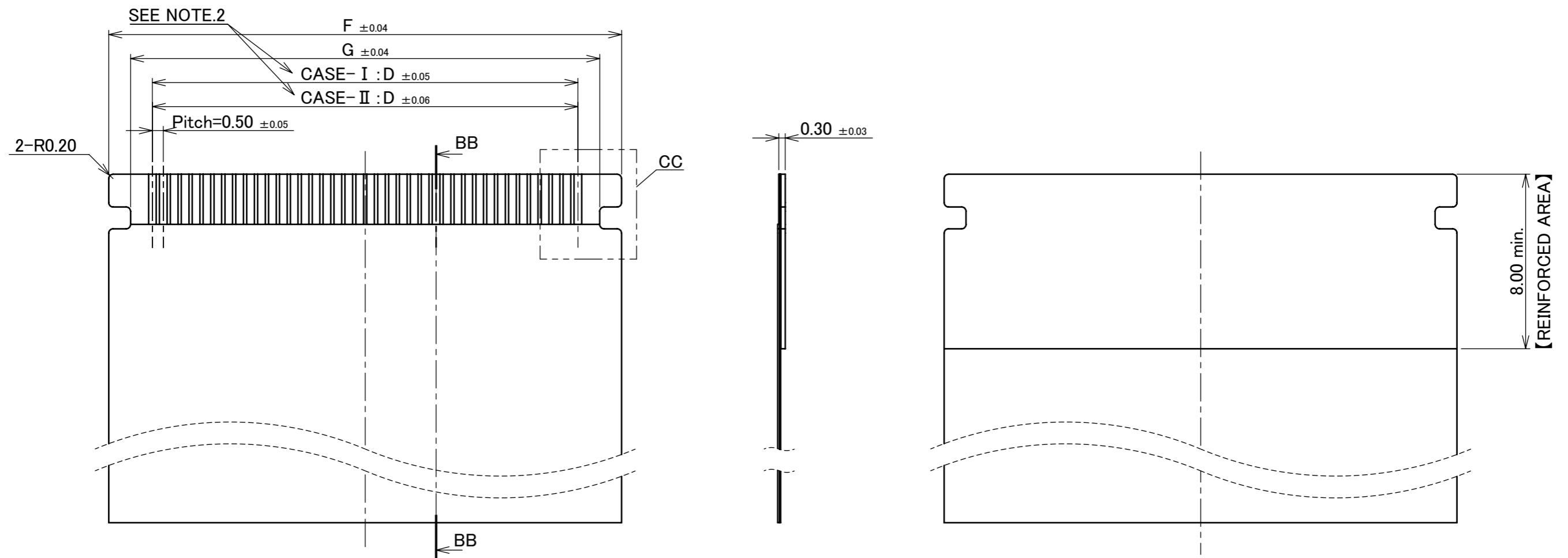
ITEMS	SPECIFICATION
RATING VOLTAGE	50V AC/DC (PER CONTACT)
RATING AMPERAGE	0.35A AC/DC (PER CONTACT) AVAILABLE FOR ALL CONTACTS 0.5A AC/DC (PER CONTACT) AVAILABLE UP TO 15 CONTACTS
OPERATING TEMPERATURE	233~398K(-40°C~+125°C)
OPERATING HUMIDITY	85% MAX.(NON-CONDENSING)
CONTACT RESISTANCE	INITIAL : 60mohm MAX. / AFTER TEST : \triangleleft 40mohm MAX.
INSULATION RESISTANCE	500Mohm MIN.
DIELECTRIC WITHSTANDING VOLTAGE	AC250V 1min
DURABILITY	50TH CYCLES
FPC/FFC MATING FORCE (INITIAL / 50TH CYCLES)	20P : 15.00 N MAX. 30P : 22.00 N MAX. 40P : 29.00 N MAX. 50P : 36.00 N MAX. 60P : 43.00 N MAX.
FPC/FFC UNMATING FORCE (INITIAL / 50TH CYCLES)	20P : 2.00 N MIN. 30P : 2.70 N MIN. 40P : 3.40 N MIN. 50P : 4.10 N MIN. 60P : 4.80 N MIN.
FPC/FFC RETENTION FORCE (INITIAL / AFTER TEST)	20P : 11.00 N MIN. 30P : 11.70 N MIN. 40P : 12.40 N MIN. 50P : 13.10 N MIN. 60P : 13.80 N MIN.
COPLANARITY	0.10 MAX.
PRODUCT SPECIFICATION	PRS-2470
TEST REPORT	TR-18020
PACKING STANDARD	PST-19019
INSTRUCTION MANUAL	HIM-18018
APPEARANCE CRITERIA No.	QLS-A***

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION 	SERIES No. R3	CUSTOMER COPY
	6 MAX.	± 0.2	30 OVER 120 MAX.			
GENERAL TOLERANCE.				TITLE EVAFLEX® 5-SE-GHT	SCALE	UNIT mm
DWG.	DATE					
CHK.	DATE					
APP.	DATE					
				DWG. No.	20899	SIZE A3
				SHEET 2/6		REV. 2

PART No.	D	F	G
◆20899-020E-01	9.50	13.50	11.50
◆20899-030E-01	14.50	18.50	16.50
◆20899-040E-01	19.50	23.50	21.50
20899-050E-01	24.50	28.50	26.50
◆20899-060E-01	29.50	33.50	31.50

RECOMMENDED FFC LAYOUT 【NON SHIELDED TYPE】

◆MARK MEANS NOT AVAILABLE.



NOTES.
2. MANUFACTURE CASE- I or II

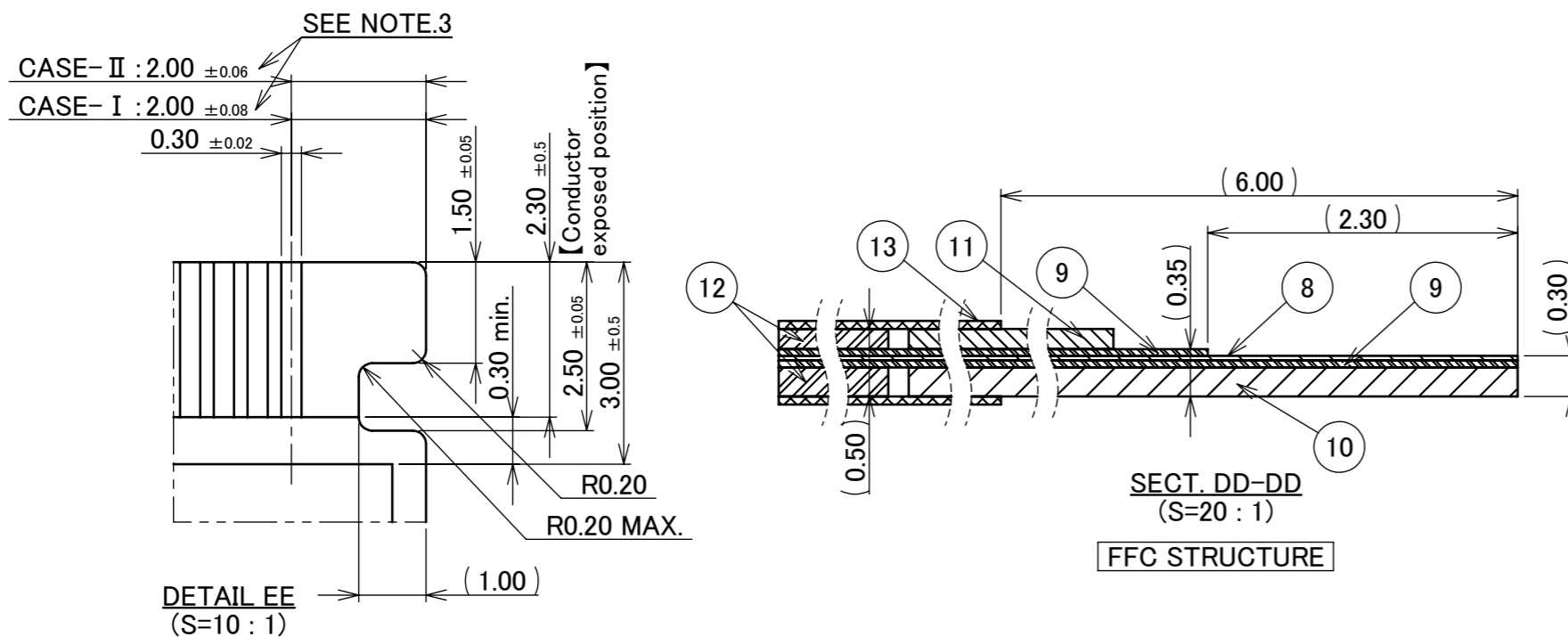
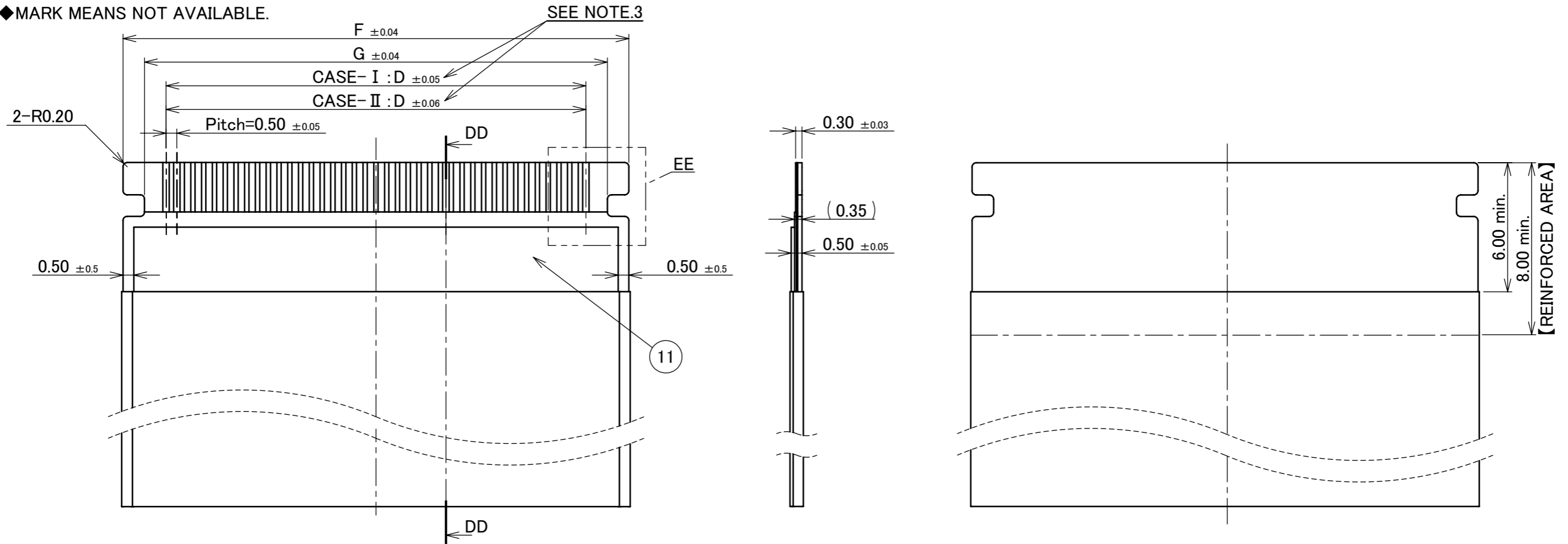
NO.	COMPONENTS	MATERIAL	FINISH
7	REINFORCED TAPE	ARBITRARY	
6	INSULATION FILM	ARBITRARY	
5	CONDUCTOR	COPPER ALLOY	CONTACT AREA : Au 0.05 μm MIN. OVER Ni 0.5 μm MIN.

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			
GENERAL TOLERANCE.				TITLE	SCALE 5:1 UNIT mm SIZE A3	I-PEX
DWG.	DATE	EVAFLEX® 5-SE-GHT				
CHK.	DATE					
APP.	DATE	DWG. No.	20899			
				SHEET	3/6	REV. 2

PART No.	D	F	G
◆20899-020E-01	9.50	13.50	11.50
◆20899-030E-01	14.50	18.50	16.50
◆20899-040E-01	19.50	23.50	21.50
20899-050E-01	24.50	28.50	26.50
◆20899-060E-01	29.50	33.50	31.50

RECOMMENDED FFC LAYOUT 【SHIELDED TYPE】

◆MARK MEANS NOT AVAILABLE.



NOTES.

- 3. MANUFACTURE CASE- I or II
- 4. DIFFERENTIAL IMPEDANCE : $100 \pm 10 \Omega$

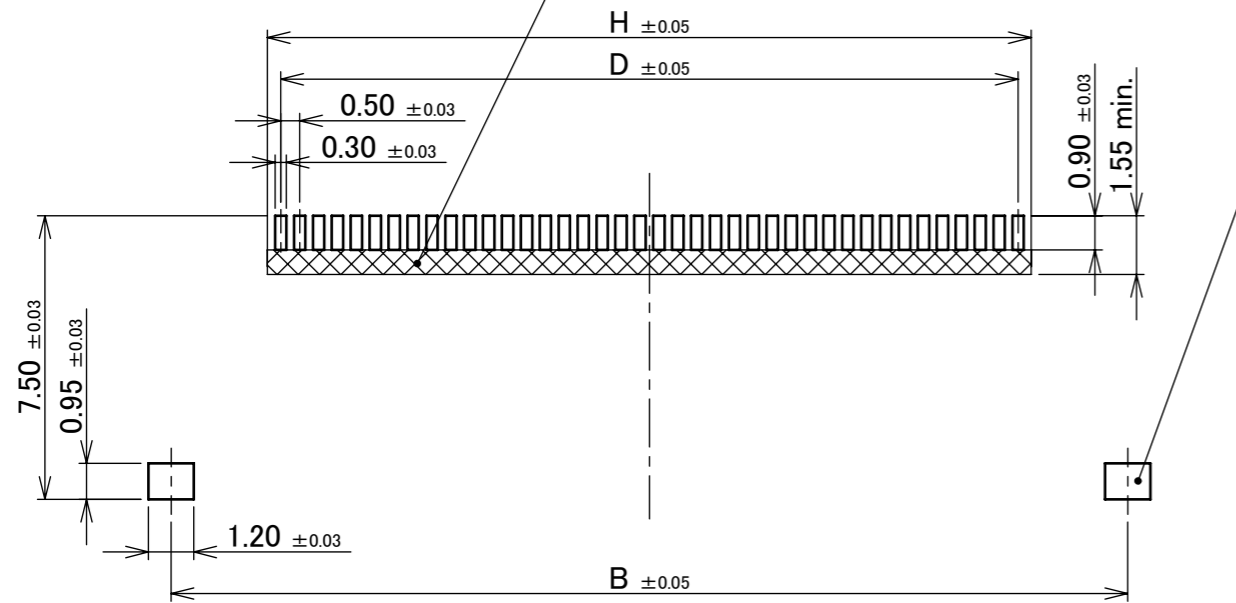
NO.	COMPONENTS	MATERIAL	FINISH
13	SHIELD TAPE	METALLIC FILM	
12	INTERLAYER	ARBITRARY	
11	GROUND PLATE	METALLIC FILM	POLISH or HALF POLISH Sn PLATING
10	REINFORCED TAPE	ARBITRARY	
9	INSULATION FILM	ARBITRARY	
8	CONDUCTOR	COPPER ALLOY	CONTACT AREA : Au 0.05 μ m MIN. OVER Ni 0.5 μ m MIN.

ANGLE	$\pm 2^\circ$	6 OVER 30 MAX.	± 0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	± 0.2	30 OVER 120 MAX.	± 0.5		R3	
GENERAL TOLERANCE.				TITLE	SCALE	I-PEX
DWG.	DATE			EVAFLEX® 5-SE-GHT	5:1	
CHK.	DATE				UNIT	
APP.	DATE			DWG. No.	mm	
				20899	SIZE	SHEET 4/6 REV. 2
					A3	

PART No.	B	D	H
◆20899-020E-01	15.30	9.50	10.20
◆20899-030E-01	20.30	14.50	15.20
◆20899-040E-01	25.30	19.50	20.20
20899-050E-01	30.30	24.50	25.20
◆20899-060E-01	35.30	29.50	30.20

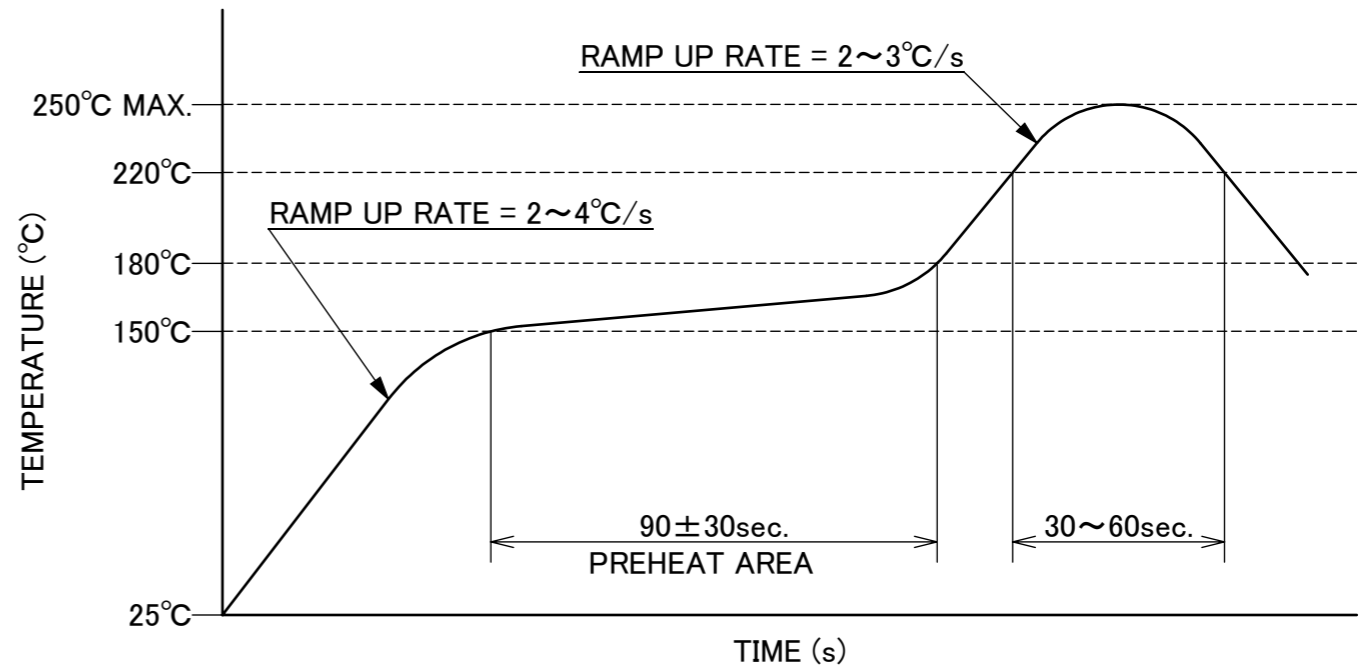
◆MARK MEANS NOT AVAILABLE.

SOLDER RESIST SHALL BE COATED
IN CASE OF RUNNING TRACES ON
THIS FOOTPRINT PATTERN PROHIBITION AREA



RECOMMENDED PCB & METAL MASK LAYOUT
METAL MASK THICKNESS : t=0.12mm

HOLD DOWN / ※GROUND PAD
(※WITH SHIELDED FPC / FFC)

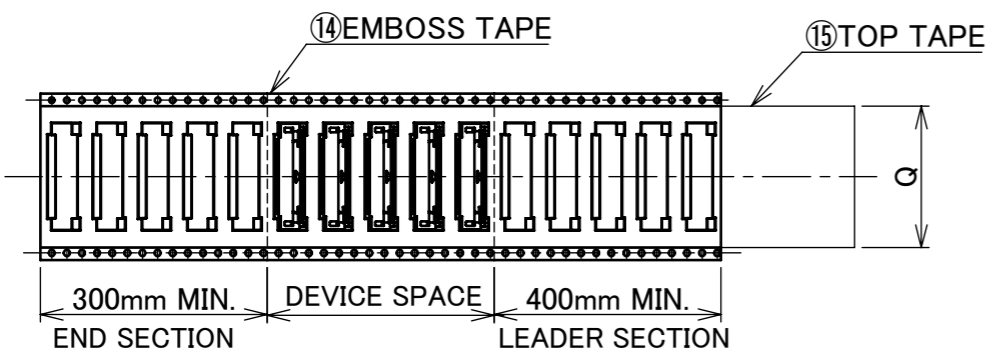


REFLOW TEMPERATURE PROFILE
SENJU METAL INDUSTRY CO., LTD. : M705-SHF(Sn96.5 Ag3.0 Cu0.5)



CONNECTOR ON RECOMMENDED FOOTPRINT PATTERN

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION ⊕	SERIES No. R3	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5			
GENERAL TOLERANCE.				TITLE EVAFLEX® 5-SE-GHT	SCALE 5:1	UNIT mm
DWG.	DATE					
CHK.	DATE					
APP.	DATE					
				DWG. No.	20899	SIZE A3
				SHEET 5/6		REV. 2



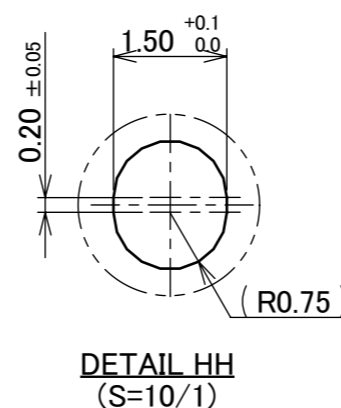
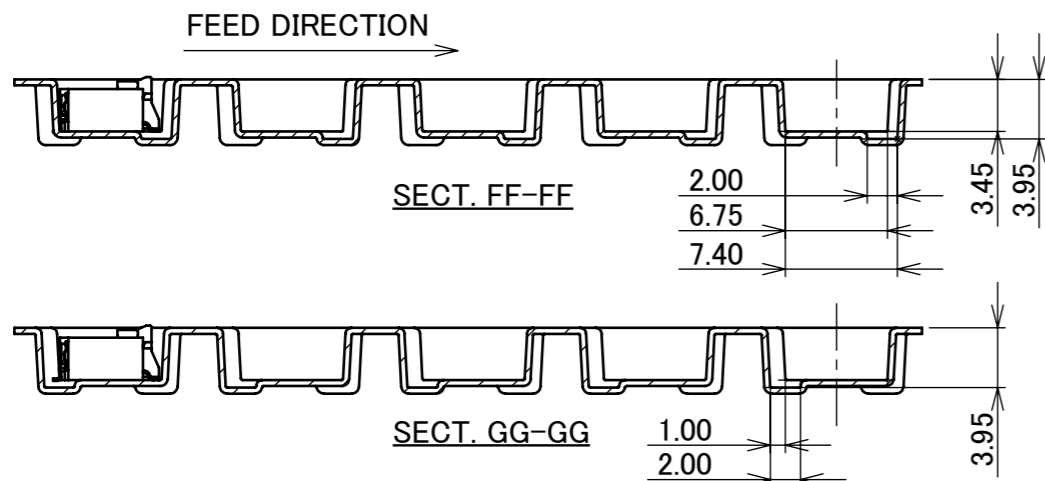
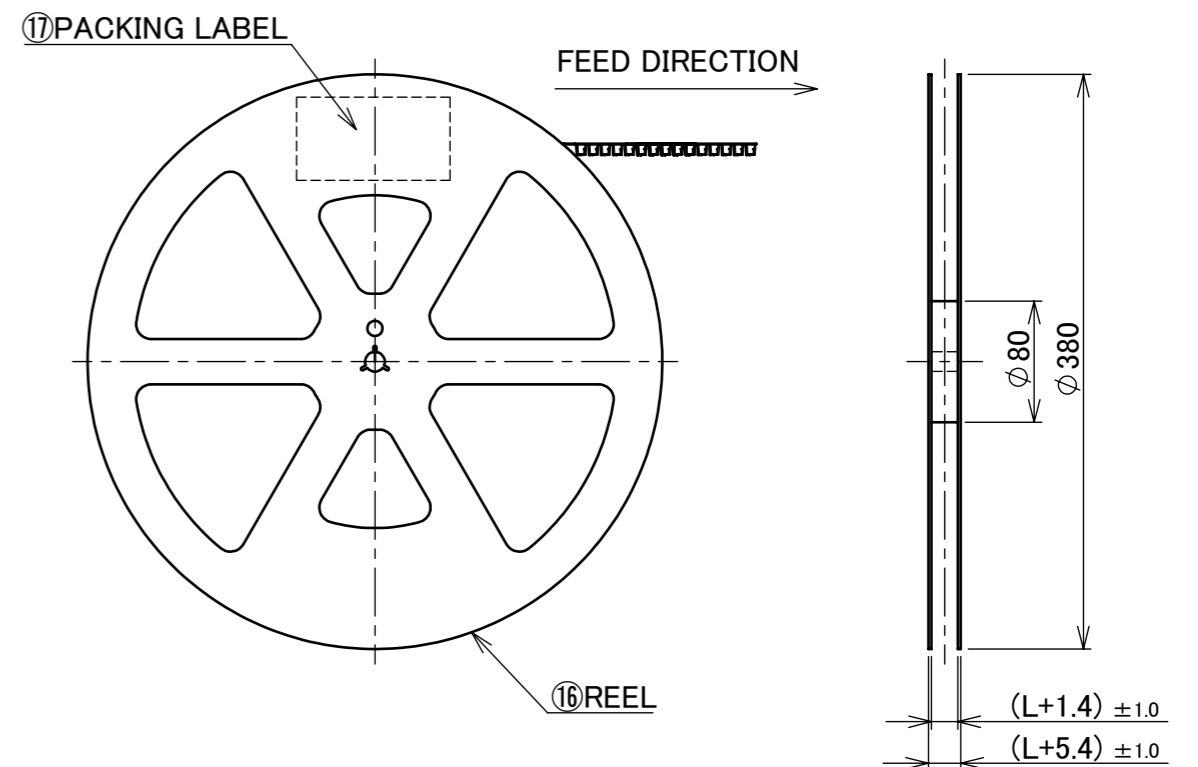
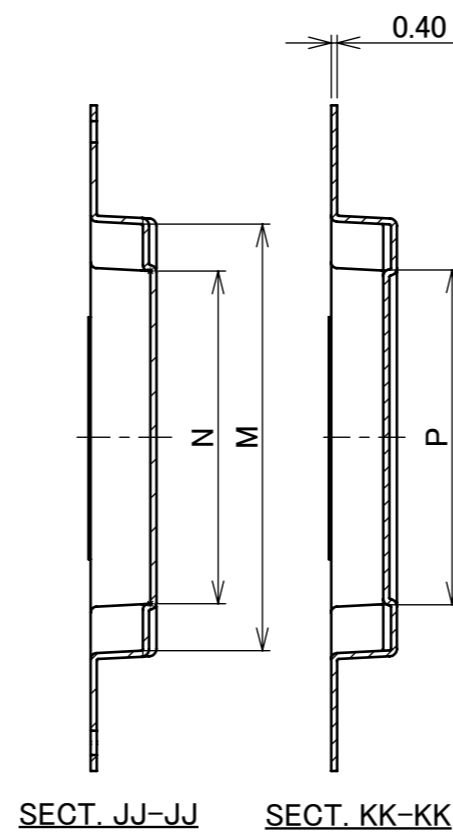
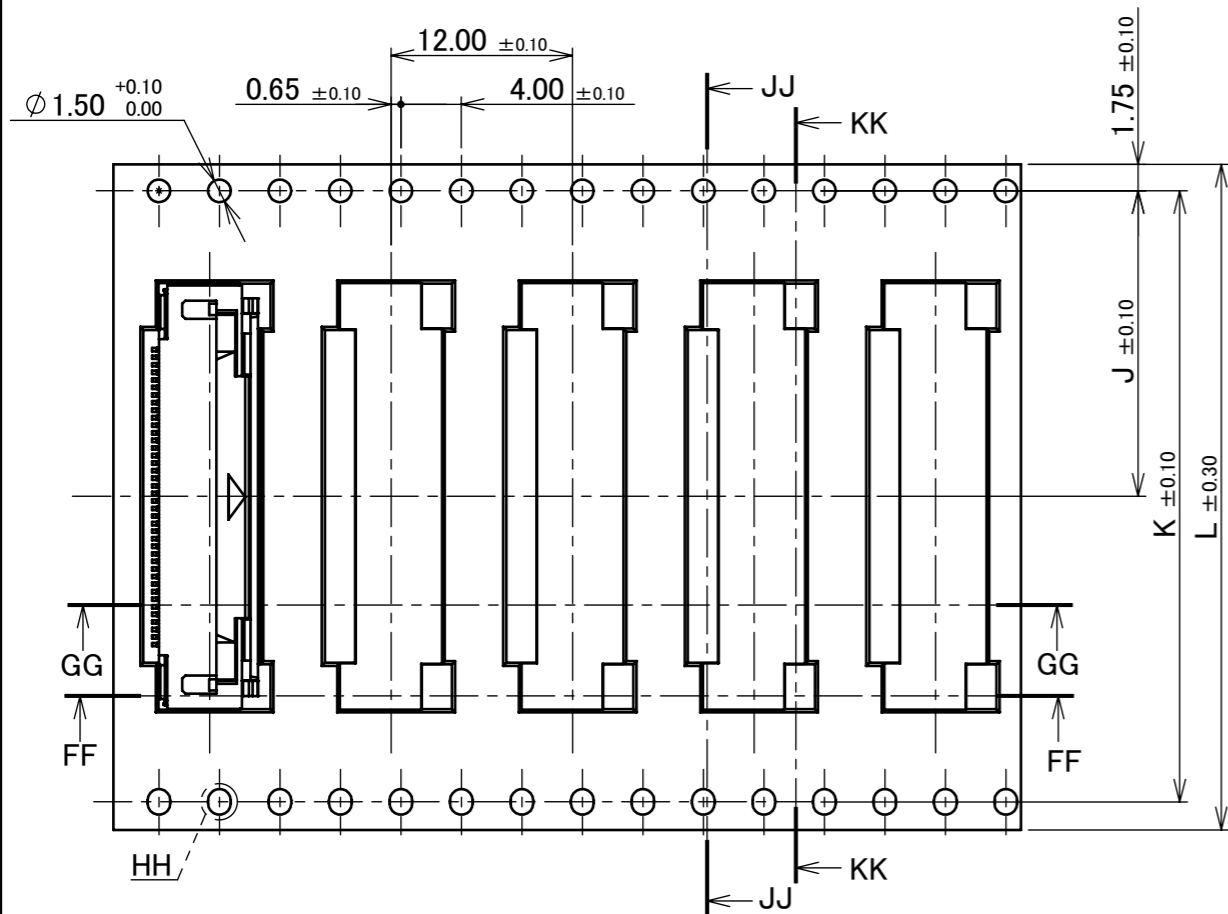
EMBOSS TAPE
(S=1/2)

PART NO.	J	K	L	M	N	P	Q	QTY. PER EMBOSS REEL (PIECES / REEL)	QTY. PER PACKING CARTON (REELS / CARTON)
◆20899-020E-01	14.20	28.40	32.00	18.20	12.00	12.20	26.00	1500 / REEL	4 / CARTON = 6000
◆20899-030E-01	20.20	40.40	44.00	23.20	17.00	17.20	37.50		3 / CARTON = 4500
◆20899-040E-01	20.20	40.40	44.00	28.20	22.00	22.20	37.50		
20899-050E-01	20.20	40.40	44.00	33.20	27.00	27.20	37.50		
◆20899-060E-01	26.20	52.40	56.00	38.20	32.00	32.20	49.00		

◆ MARK MEANS NOT AVAILABLE.

NOTES.

- TAPING SPECIFICATION FOLLOWS JIS C 0806 (IEC 60286-3).
- MAKE EMPTY SECTION OF LEADER AND END ON EACH END OF THE TAPE.
- TOP TAPE SHALL NOT STICK OUT FROM EMBOSS TAPE.
- TOP TAPE SHALL NOT COVER FEED HOLE.
- DRAFT ANGLE OF EMBOSS TAPE 3° MAX. AND DON'T BECOME A REVERSE SLOPE.



NO.	DISCRIPTION	MATERIAL	FINISH , REMARKS
17	PACKING LABEL	-	-
16	REEL	PS	WHITE
15	TOP TAPE	PET t=0.062 TRANSPARENCY	ANTI-STATIC TYPE HEAT WELDING TYPE
14	EMBOSS TAPE	PS t=0.4 TRANSPARENCY	ANTI-STATIC TYPE

ANGLE	±2°	6 OVER 30 MAX.	±0.3	PROJECTION	SERIES No.	CUSTOMER COPY
6 MAX.	±0.2	30 OVER 120 MAX.	±0.5		R3	
GENERAL TOLERANCE.				TITLE	EVAFLEX® 5-SE-GHT	SCALE
DWG.	DATE			1:X		
CHK.	DATE			UNIT		
APP.	DATE			mm		
				DWG. No.	20899	SIZE
						A3
						SHEET 6/6
						REV. 2