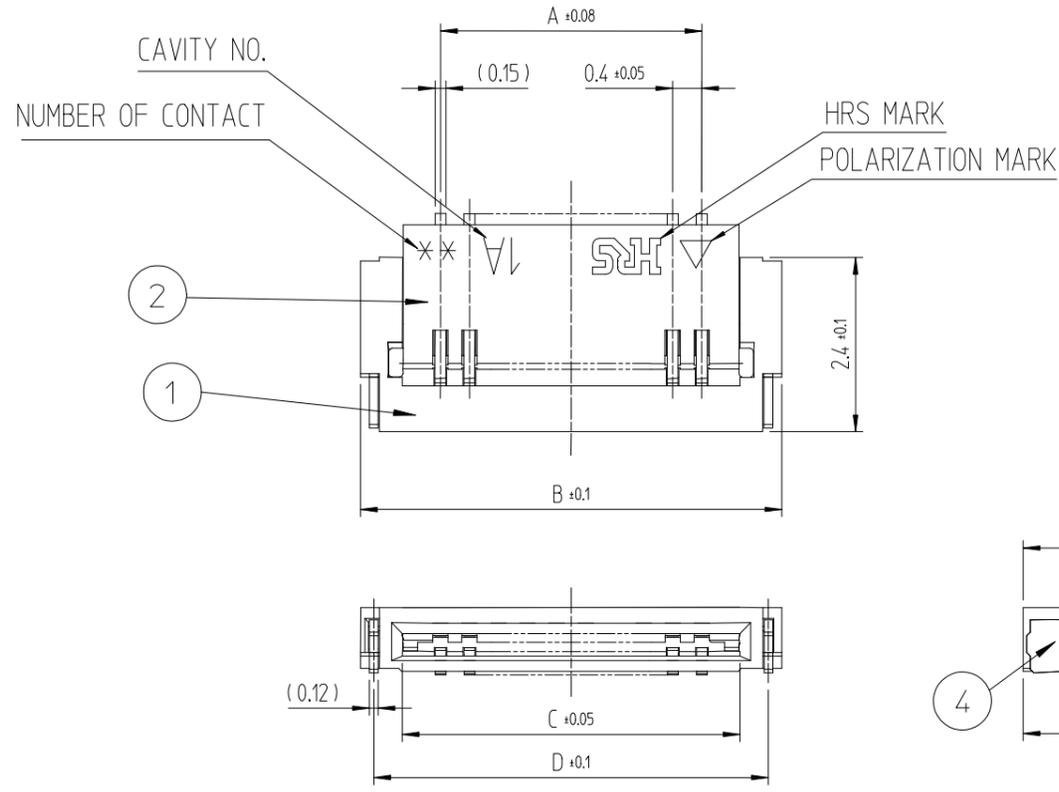
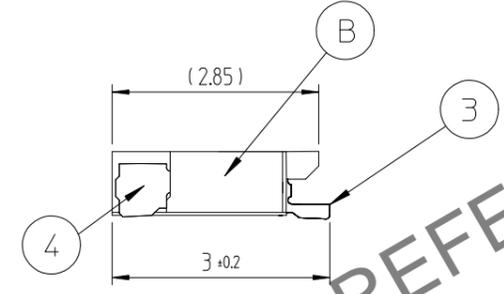
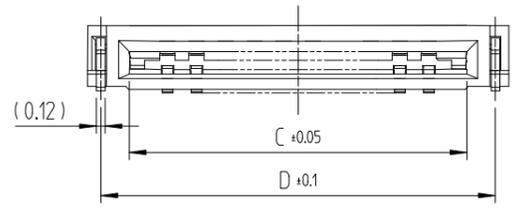
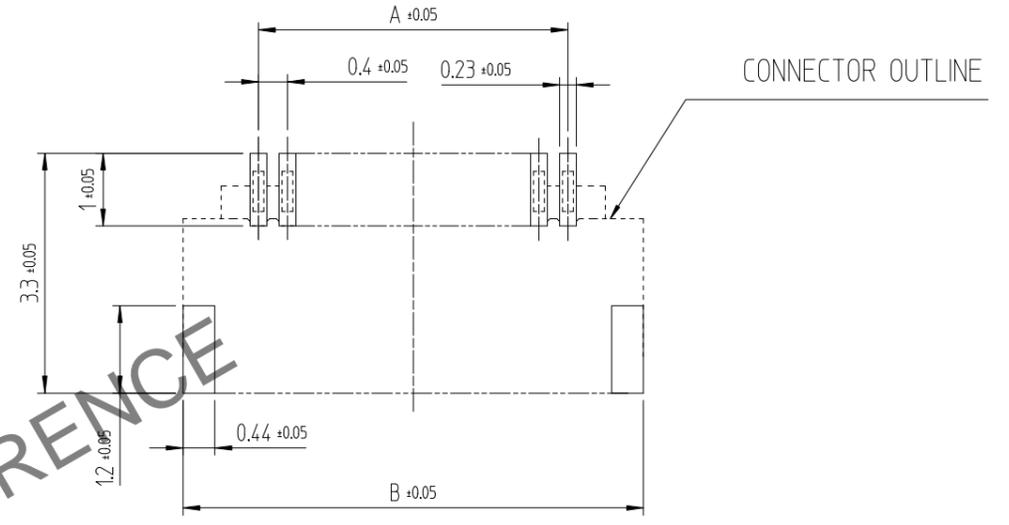


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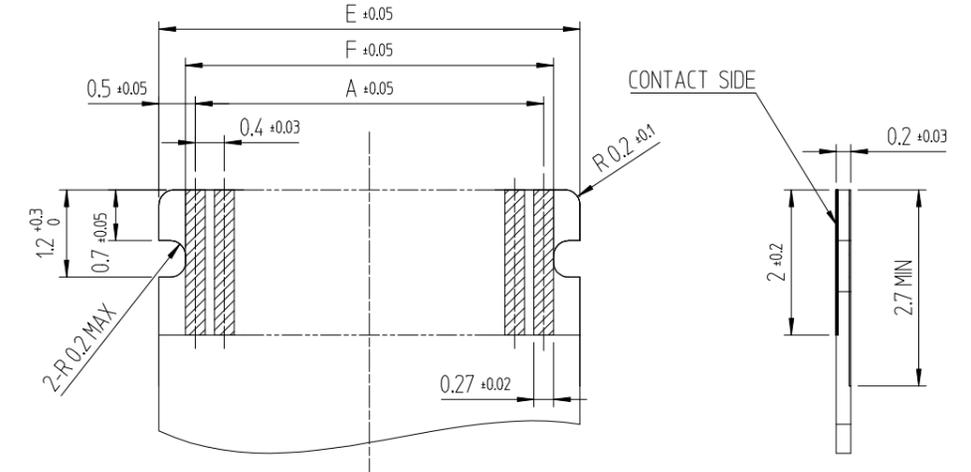
△數 COUNT	訂正事項 DESCRIPTION OF REVISIONS	擔當 B	檢圖 Y	年月日 DATE	△數 COUNT	訂正事項 DESCRIPTION OF REVISIONS	擔當 B	檢圖 Y	年月日 DATE		
△1	-	RE-5-1603	LSG	JDH	17.03.09	△4	3	RE-5-2408	OCU	JDH	20.05.13
△2	1	RE-5-1720	OCU	JDH	17.07.13	△5	3	RE-5-2459	OCU	JDH	20.07.15
△3	-	RE-5-1833	OCU	CDH	17.12.04	△					



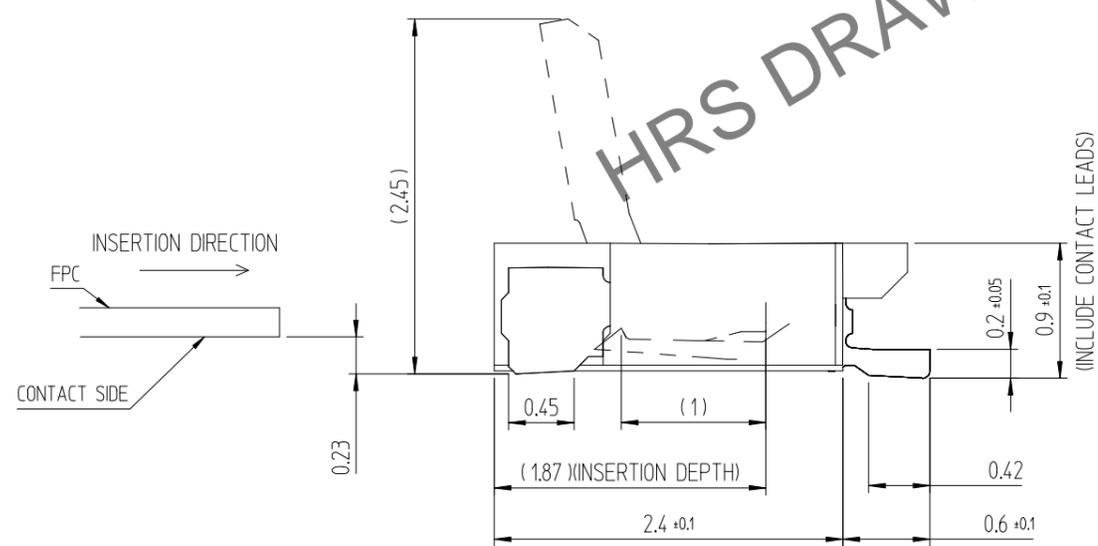
RECOMMENDED LAND PATTERN, METAL MASK (FREE)
RECOMMENDED METAL MASK THICKNESS: t=0.10



△5 RECOMMENDED FFC/FPC (FREE)



VIEW B(20:1)

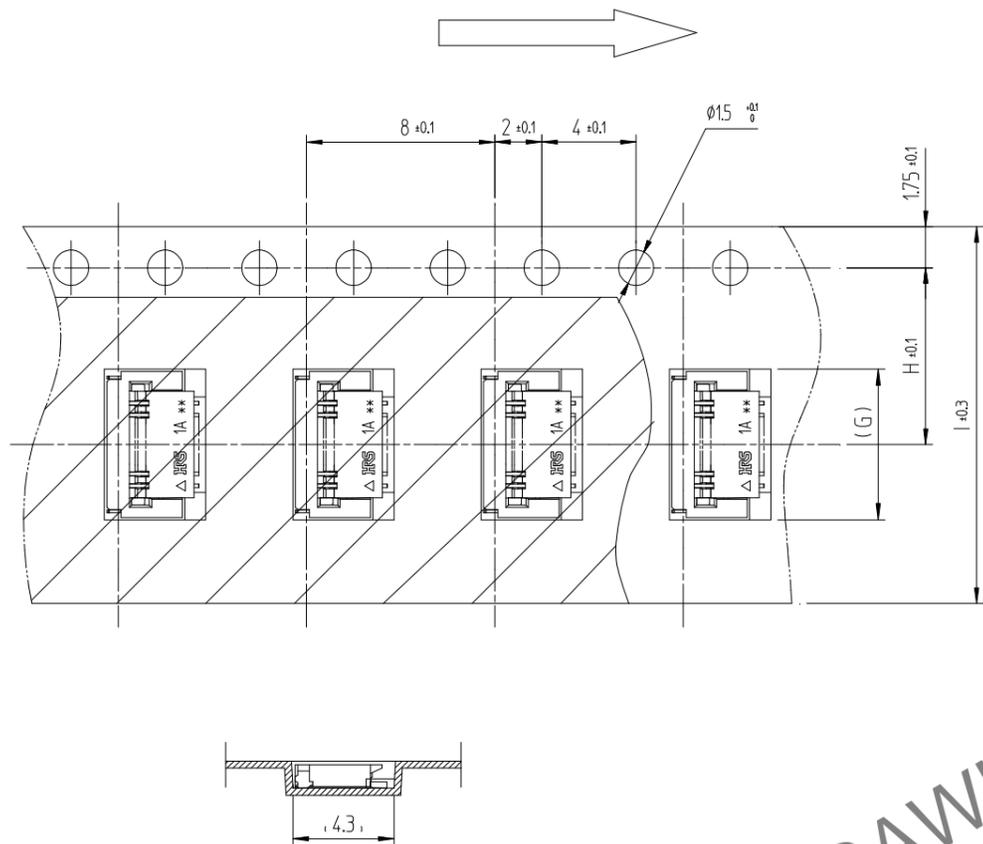


NOTE 1 LEAD CO-PLANARITY INCLUDING REINFORCED METAL FITTINGS SHALL BE 0.1MAX.
2 TO BE DELIVERED WITH TAPE AND REEL PACKAGES.

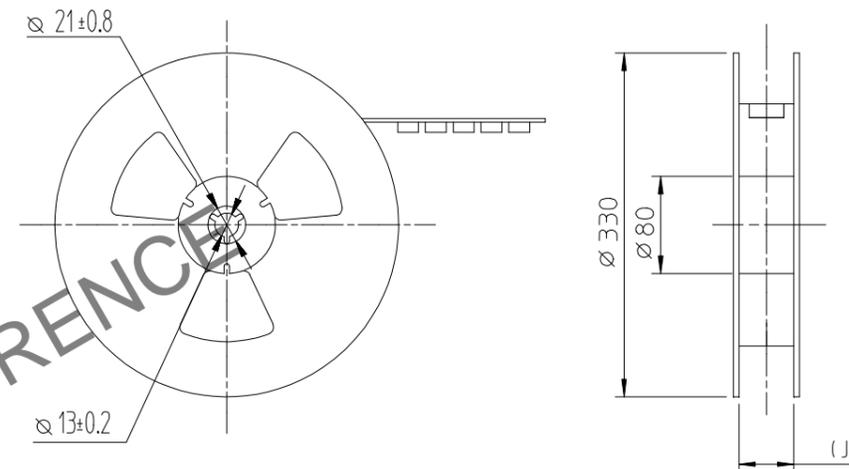
2	LCP	BLACK	UL94V-0	4	PHOSPHOR BRONZE	TIN PLATING 1μm MIN. OVER NICKEL 1μm MIN.
1	LCP	BLACK	UL94V-0	3	PHOSPHOR BRONZE	(CONTACT AREA) GOLD 0.05μm MIN OVER NICKEL 1μm MIN (LEAD) GOLD 0.05μm MIN OVER NICKEL 1μm MIN (OTHER) NICKEL PLATING 1μm MIN
NO.	MATERIAL	FINISH,REMARKS		NO.	MATERIAL	FINISH,REMARKS
CODE NO. (OLD)				DRAWN		DESIGNED
				OH		CHO
				17.03.07		17.03.07
				C.U		D.H
				OH		SONG
				17.03.07		17.03.07
				C.U		H.C
				OH		ENG
				21.01.20		DEPT
				C.U		
DRAWING NO. EDC3-632308-80				PART NO. TF13BA-Series (800)		
SCALE 10:1				CODE NO. CL 6508-0036-0-800		
UNITS mm				1/4		
HRS HIROSE KOREA CO.,LTD.						

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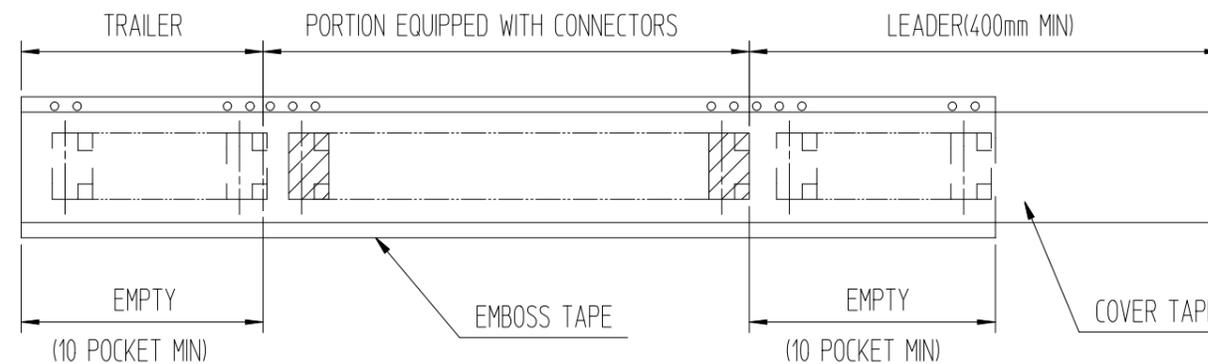
EMBOSS CARRIER TAPE DIMENSION



REEL DIMENSION(FREE)



HRS DRAWING FOR REFERENCE



NOTE 1. 1REEL CONTAINS 5,000PCS.

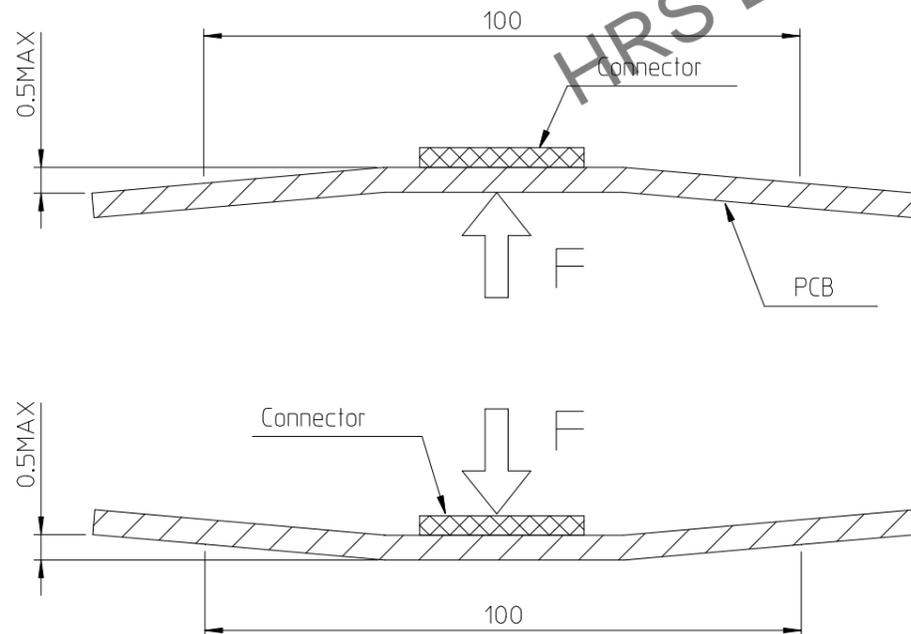
PART NUMBER	NUMBER OF CONTACTS	DIMENSION OF CONNECTOR/ FPC, PCB MOUNTING PATTERN						DIMENSION OF PACKING			
		A	B	C	D	E	F	G	H	I	J
TF13BA-6S-0.4SH(800)	6	2.0	4.2	3.05	3.83	3.0	2.3	4.4	7.5	16.0	16.5
TF13BA-9S-0.4SH(800)	9	3.2	5.4	4.25	5.03	4.2	3.5	5.6	7.5	16.0	16.5
TF13BA-10S-0.4SH(800)	10	3.6	5.8	4.65	5.43	4.6	3.9	6.0	7.5	16.0	16.5

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This connector requires dslicate and careful handing.
Read through the instructions shown below and the connector properly.
Each values indicating here are for reference and may differ from standard value.

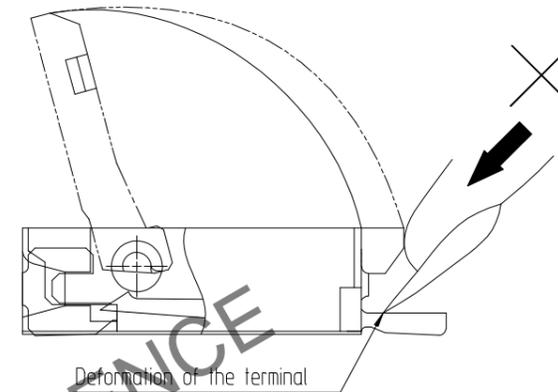
[INSTRUCTIONS FOR MOUNTING ON THE BOARD]

- ⚠ ◆ Warp of Board
Minimize warp of the board as possible
Lead co-planarity including reinforced metal fitting is 0.1mm or less
Too much warp of the board may result in a soldering problem.
- ◆ Load to Connector
Do not apply a force of 0.5N or more to the connector before mounting it on the board.
Otherwise, the connector may be broken.
Do not warp the FPC or operate the connector before mounting it.
- ◆ Load to board
°Splitting a large board into several pieces
°Screwing the board
Avoid the handling described above so that no force is exerted on the board during the assembly process.
Otherwise, the connector may become defective.
- ◆ Amount of Warp
The warp of a 100-mmwide board should be 0.5mm or less.
The warp of board suffers stress on connector and connector may become defective.

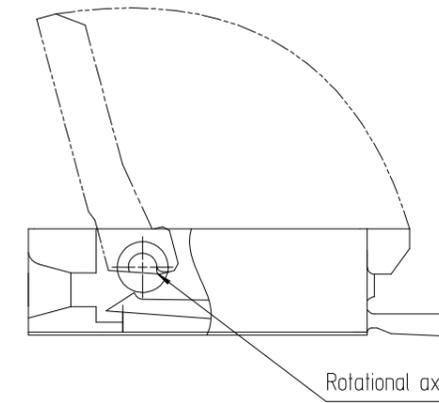


[INSTRUCTIONS ON INSERTING FFC/FPC AND CONNECTOR]

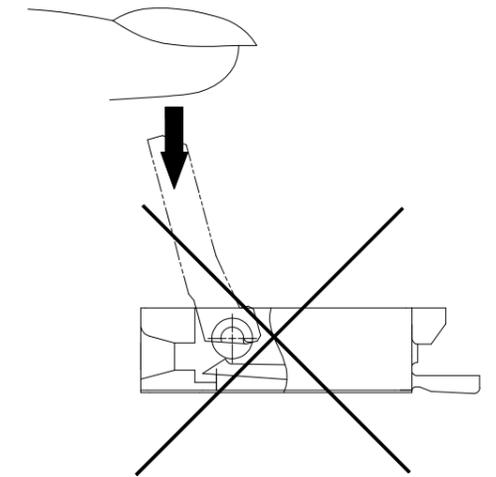
- ◆ Use of the Actuator
 1. Be very careful not to apply excessive force when releasing the Actuator. in the initial position (with no FFC/FPC inserted) if you use your nail or finger as shown, the terminals may be deformed.



2. The actuator rotates around the rotational axis as shown below. Please rotate the actuator.



3. Please do not push downwards to the Actuator with more than 0.5N force, as shown below. Otherwise, the Actuator may fall off or be damaged.



4. The actuator will not open more than 100°. Do not apply any force backward beyond this point. Otherwise the actuator may come off or braek.

