



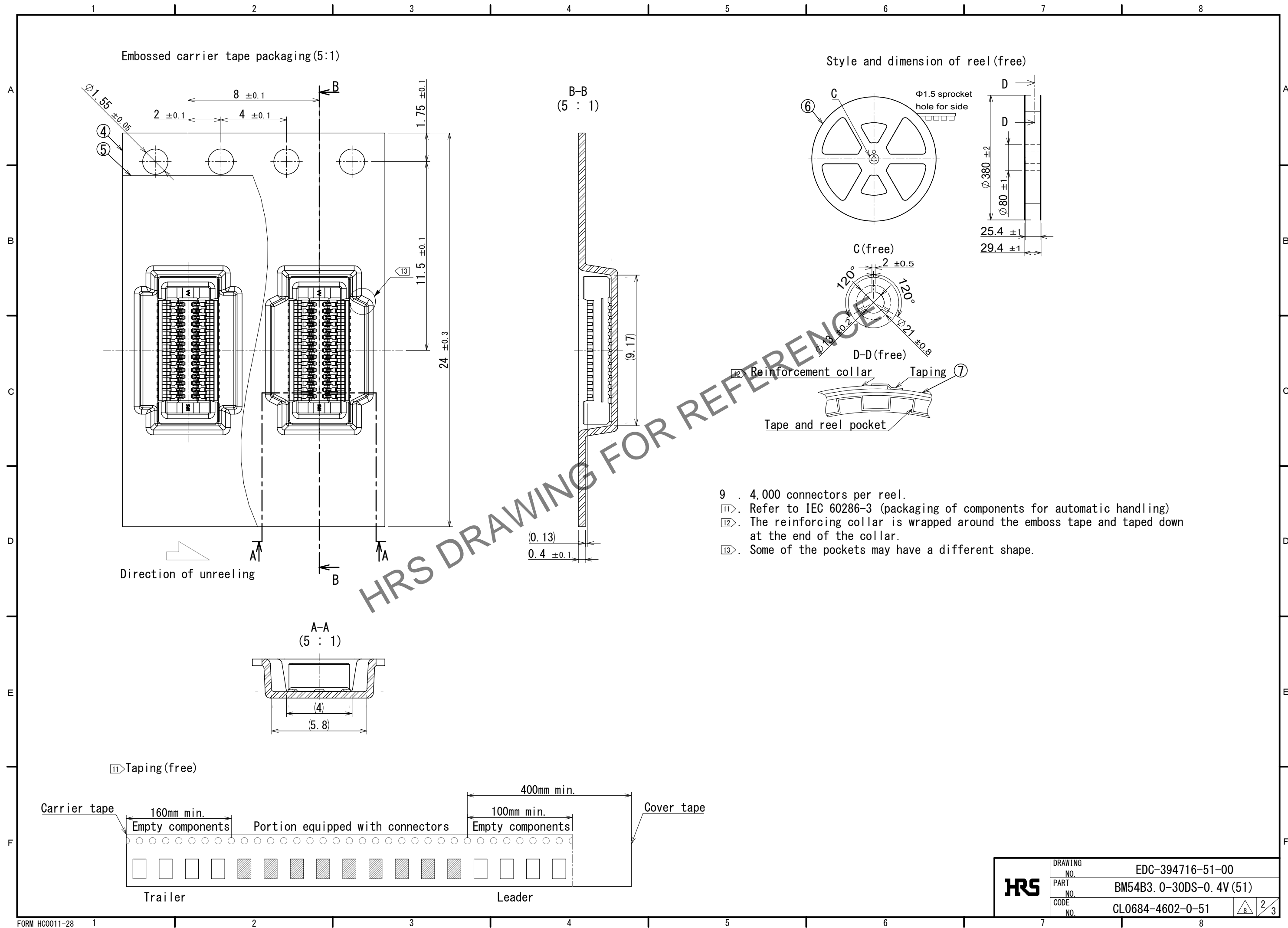


- Note
1. All lead co-planarity will be 0.1mm max.
 - ②. HRS mark and cavity number are indicated at approximate location.
 - ③. Plating specifications
 - Contact area : Gold 0.05 μ m min
 - SMT lead : Gold 0.05 μ m min
 - Under plating : Nickel 1 μ m min
 - (Surface : Sealing)
 4. The dimensions in parentheses are only for reference.
 5. This product satisfies halogen free requirements defined as 900ppm max chlorine, 900ppm max bromine, and 1500ppm max total of chlorine and bromine.
 6. This product complies with RoHS.
 - ⑧. This temperature profile is based on the suggested metal mask and footprint. Please contact us if using different settings from our recommendation.

3	Copper alloy		6	PS	Black, Plastic reel			
2	Copper alloy		5	Polyester	Clear, Cover tape			
1	LCP	Black	4	PS	Clear, Embossed carrier tape			
NO.	MATERIAL	FINISH , REMARKS		NO.	MATERIAL	FINISH , REMARKS		
UNITS mm		SCALE 10:1		COUNT 1	DESCRIPTION OF REVISIONS DIS-H-00019473	DESIGNED YK. SATAKE	CHECKED RT. SHIMIZU	DATE 2024. 02. 0

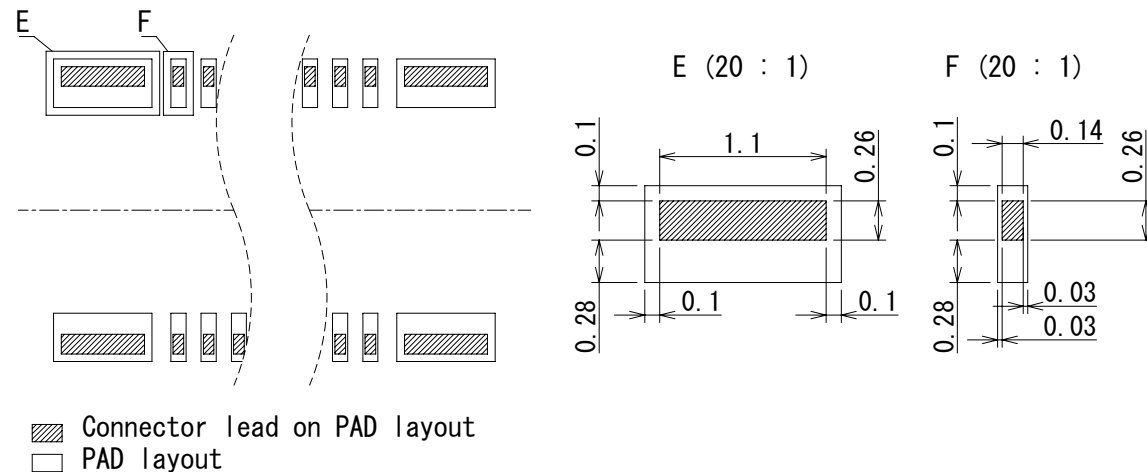
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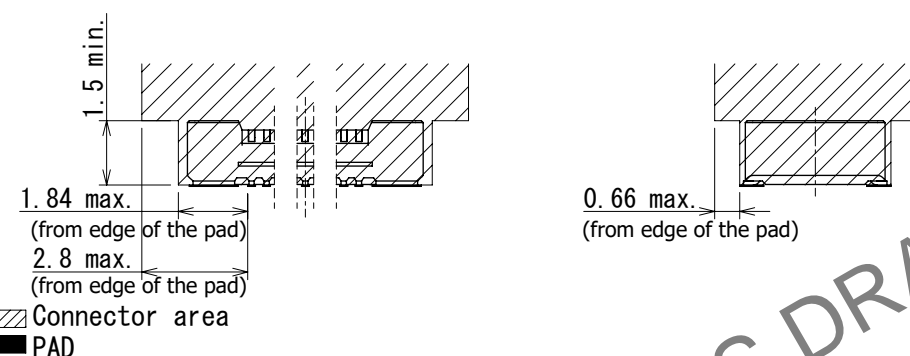
14. Please refer to the product guideline
for detail of connector handling.

The position between the connector and PAD



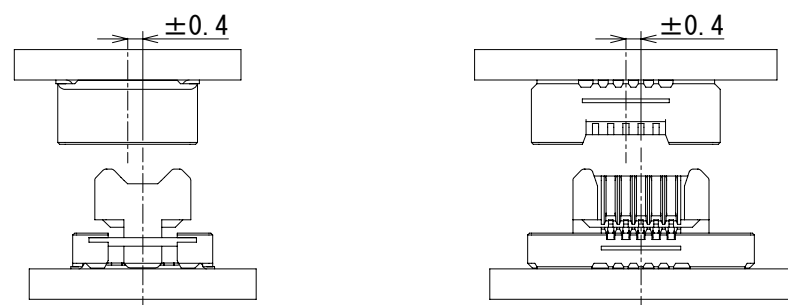
Connector area

- (1) is connector area or floating area, if other parts enter this area, it is possible to affect floating performance.



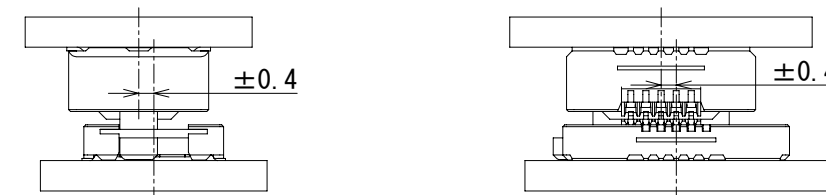
Mating method

- (1) The alignment dimension is ± 0.4 mm in the X and Y directions.
After the start of mating, follow the alignment and mate perpendicularly to the board without applying an overloading to the connector



Misalignment Allowance in Mated Condition (Floating Range)

- (1) Because of floating design, this connector has a ± 0.4 mm board misalignment tolerance in the X and Y directions when mated. However, it is not suitable for absorption when the range of misalignment constantly changes due to vibration, etc.
The number of repetitions of floating movable operations is stipulated to be no more than 10 times

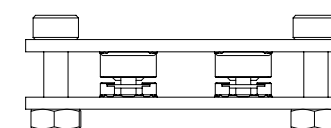


Securing PCBs

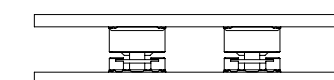
- (1) This connector can absorb misalignment between PCBs, but not vibration.
If you support PCBs only with the connectors without taking any fixing measures, the load on the connectors will be excessive and may cause broken or contact failure. Be sure to secure PCBs except for the connectors as shown below to prevent the board from moving. This connector connects the board to the board.
When using mounting to FPC, fasten the board and FPC to the case separately



Fixing PCBs with a spacer or case

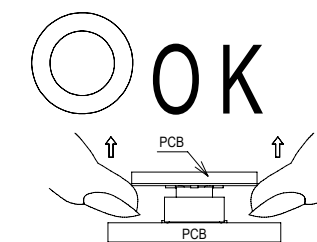
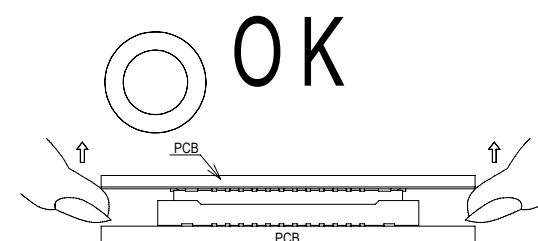


Do not use the product without fixing PCBs together.



Un-mating method

- (1) Un-mate the connectors parallel to each other.



- (2) When un-mating the connector, pull it out in parallel.
If it is un-mated in an inclined position, connector may deform.

