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PHOSPHOR BRONZE

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NO.	
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	MATERIAL
1	100% COTTON
2	100% POLYESTER
3	100% WOOL
4	100% SILK
5	100% LINEN
6	100% RAYON
7	100% NYLON
8	100% LEATHER
9	100% RUBBER
10	100% GLASS
11	100% METAL
12	100% PAPER
13	100% PLASTIC
14	100% CERAMIC
15	100% WOOD
16	100% STONE
17	100% BRICK
18	100% CONCRETE
19	100% ASPHALT
20	100% BITUMEN
21	100% COBALT
22	100% NICKEL
23	100% ZINC
24	100% ALUMINUM
25	100% COPPER
26	100% IRON
27	100% STEEL
28	100% TITANIUM
29	100% CARBON FIBER
30	100% Kevlar
31	100% Carbon Fiber
32	100% Fiberglass
33	100% GFRP
34	100% CFRP
35	100% KFRP
36	100% BFRP
37	100% VFRP
38	100% EFRP
39	100% FRP
40	100% Composite
41	100% Hybrid
42	100% Sandwich
43	100% Core
44	100% Skin
45	100% Laminate
46	100% Plywood
47	100% OSB
48	100% Particleboard
49	100% MDF
50	100% HPL
51	100% Laminated Glass
52	100% Tempered Glass
53	100% Insulated Glass
54	100% Low-E Glass
55	100% Monolithic Glass
56	100% Laminated Plastic
57	100% Polycarbonate
58	100% Acrylic
59	100% PETG
60	100% PC
61	100% PMMA
62	100% PS
63	100% PP
64	100% PE
65	100% PVC
66	100% PU
67	100% EVA
68	100% ABS
69	100% Nylon
70	100% Polyester
71	100% Polypropylene
72	100% Polyethylene
73	100% Polystyrene
74	100% Polyurethane
75	100% Polyvinyl Chloride
76	100% Polyethylene Glycol
77	100% Polypropylene Glycol
78	100% Polybutylene Glycol
79	100% Polydimethylsiloxane
80	100% Polyethylene Oxide
81	100% Polypropylene Oxide
82	100% Polybutylene Oxide
83	100% Polydimethylsiloxane Oxide
84	100% Polyethylene Glycol Oxide
85	100% Polypropylene Glycol Oxide
86	100% Polybutylene Glycol Oxide
87	100% Polydimethylsiloxane Oxide
88	100% Polyethylene Glycol Oxide
89	100% Polypropylene Glycol Oxide
90	100% Polybutylene Glycol Oxide
91	100% Polydimethylsiloxane Oxide
92	100% Polyethylene Glycol Oxide
93	100% Polypropylene Glycol Oxide
94	100% Polybutylene Glycol Oxide
95	100% Polydimethylsiloxane Oxide
96	100% Polyethylene Glycol Oxide
97	100% Polypropylene Glycol Oxide
98	100% Polybutylene Glycol Oxide
99	100% Polydimethylsiloxane Oxide
100	100% Polyethylene Glycol Oxide

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CO., LTD

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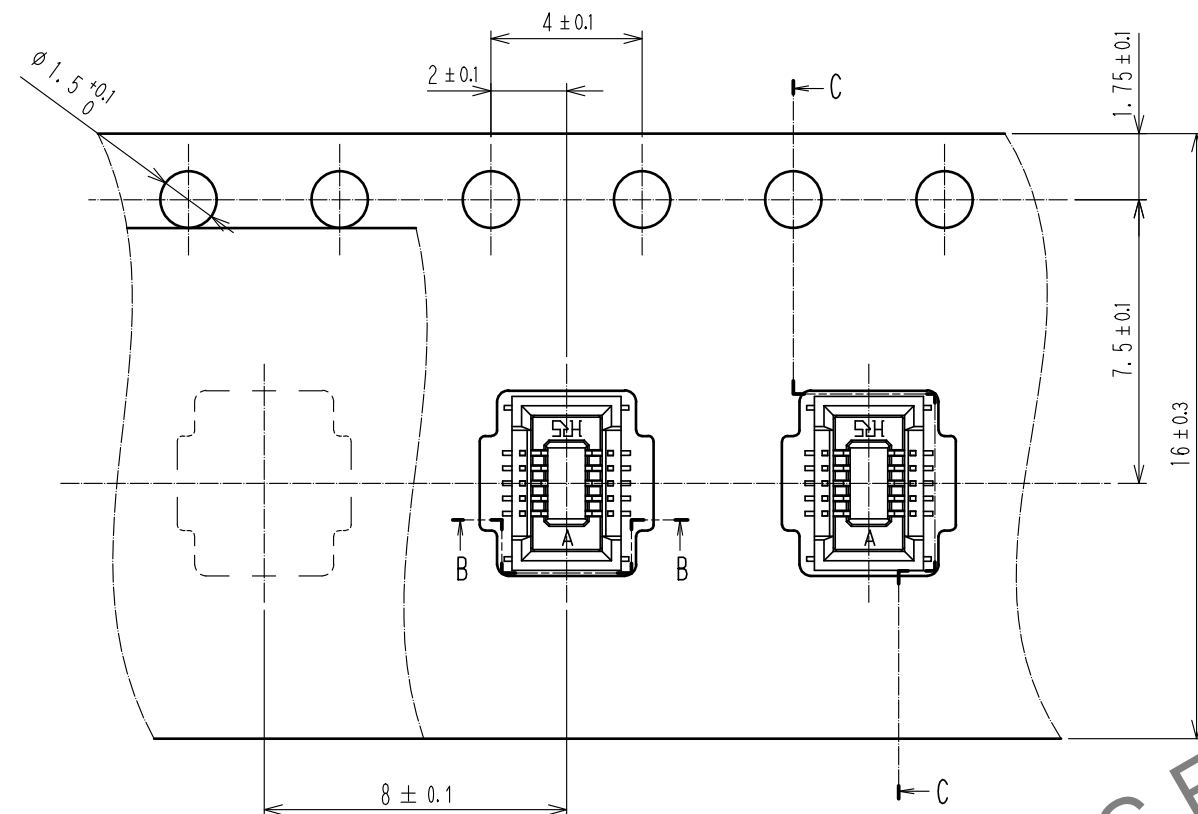
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			7	PS	CLEAR, REINFORCEMENT COLLAR		
CONTACT AREA:GOLD 0.05 μ m MIN SMT LEAD:GOLD 0.05 μ m MIN UNDERPLATING:NICKEL 1 μ m MIN			6	PS	BLACK, PLASTIC REEL		
			5	POLYESTER	CLEAR, COVER TAPE		
			4	PS	CLEAR, EMBOSSED CARRIER TAPE		
BLACK			3	PHOSPHOR BRONZE	GOLD 0.05 μ m MIN		
FINISH , REMARKS			NO.	MATERIAL	FINISH , REMARKS		
SCALE	COUNT	DESCRIPTION OF REVISIONS		DESIGNED		CHECKED	DATE
10 : 1	 5	DIS-H-00018985		YT. TAKAGI		RT. SHIMIZU	20230831
APPROVED :KH. IKEDA		20140530	DRAWING NO.		EDC3-345844-01		
CHECKED :TS.MIYAZAKI		20140530	PART NO.		DF40HB<2.5>-10DS-0.4V<51>		
DESIGNED :TY.00I		20140529	CODE NO.		CL0684-4189-3-51		
DRAWN :TY.00I		20140529			 		

FORM HC0011-5-7

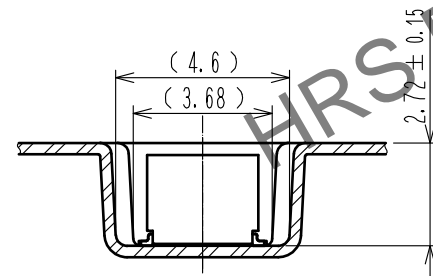
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EMBOSSED CARRIER TAPE PACKAGING (5:1)

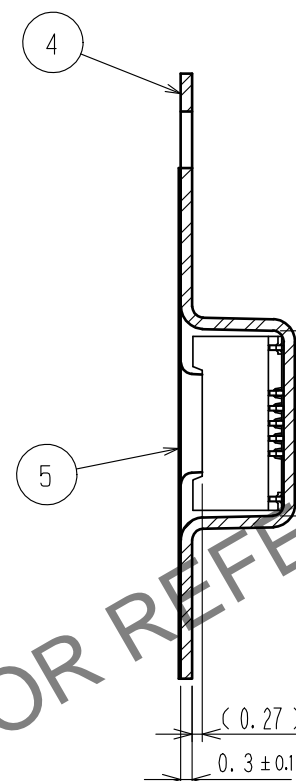


UNREEL DIRECTION →

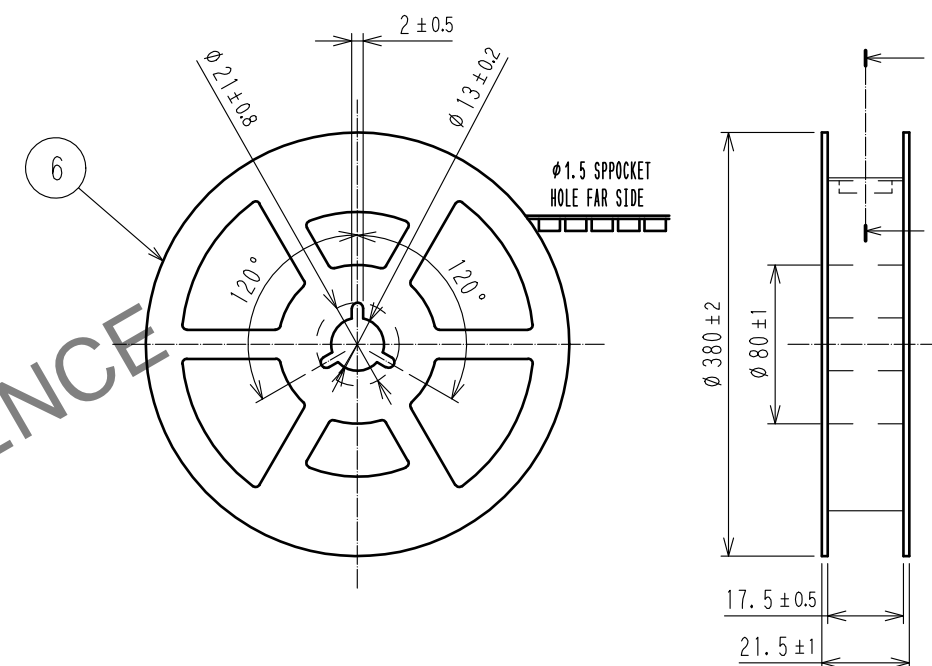
B-B (5:1)



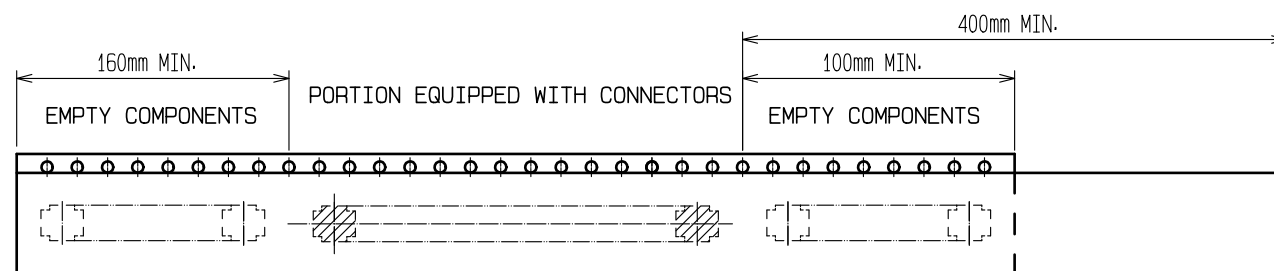
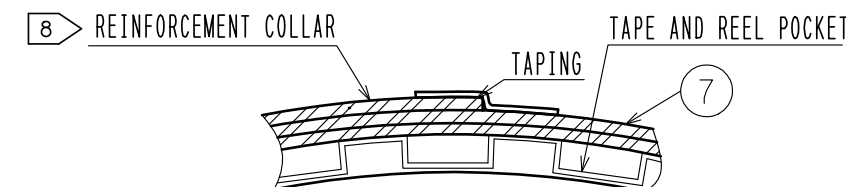
C-C (5:1)



STYLE AND DIMENSION OF REEL (FREE SIZE)



D-D (FREE)



TRAILER

7 TAPING

LEADER

- NOTES)
- 3000 connectors per reel.
 - The dimensions in parentheses are only for reference.
 - Refer to IEC 60286-3 (packaging of components for automatic handling)
 - The reinforcing collar is wrapped around the emboss tape and taped down at the end of the collar.
 - One of several is different in from of the embossed caeeier tape to avoid being stuck in.
 - Product reels and packaging will be clearly labeled whith the part number.
Lot number and quantity.

HRS

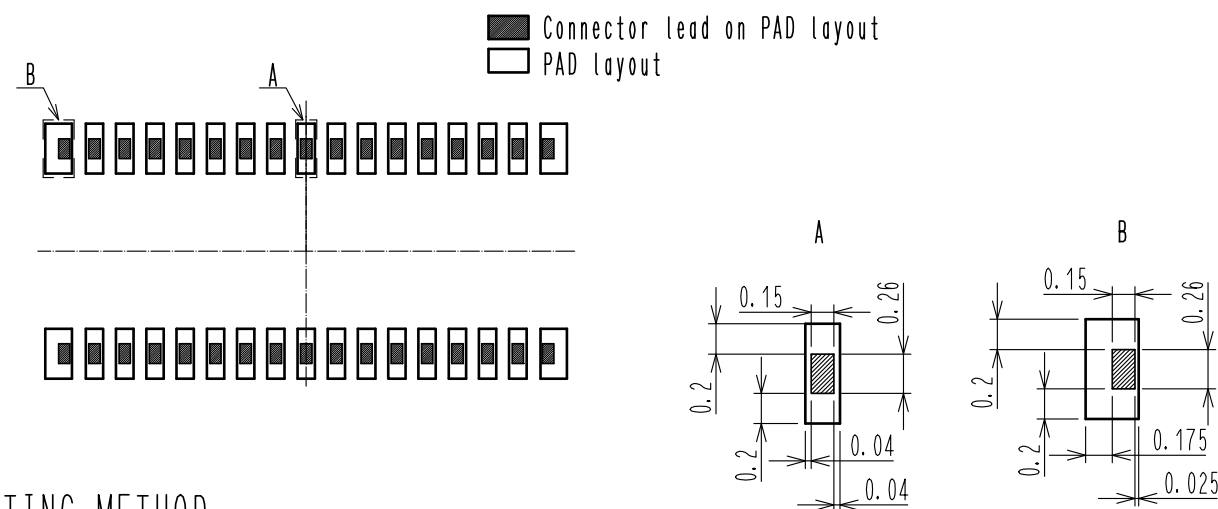
DRAWING NO.	EDC3-345844-01
PART NO.	DF40HB(2.5)-10DS-0.4V(51)
CODE NO.	CL0684-4189-3-51

2/3

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△11. PLEASE REFER TO THE PRODUCT GUIDELINE ETAD-H1015 FOR DETAIL OF CONNECTOR HANDLING.

THE POSITION BETWEEN THE CONNECTOR AND PAD

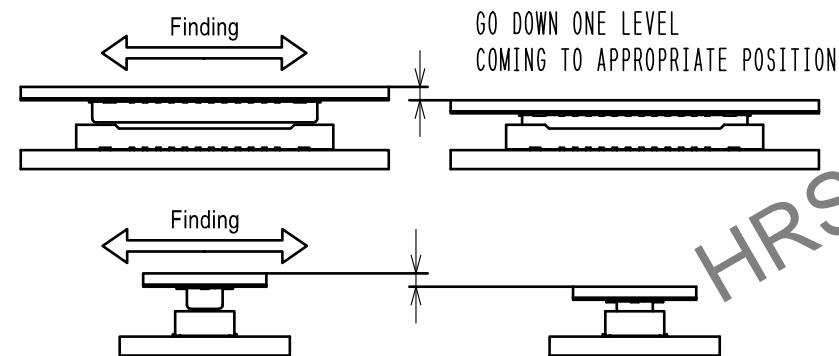


MATING METHOD

PLEASE MATE THE CONNECTOR BY HAND.

MATING PROCEDURE

- (1) FIND THE ALIGNMENT AREA TO THE CONNECTOR IN THE APPROPRIATE MATING POSITION.
THIS CONNECTOR HAS AN ALIGNMENT CHAMBER(GUIDANCE RIBS) ON RECEPTACLE SIDE AND 'R' ON PLUG SIDE,
SO THAT THE CONNECTOR WILL BE SELF-ALIGNED.
WHEN THE CONNECTOR COMES TO THE APPROPRIATE POSITION, THE CONNECTOR GOES INTO THE ALIGNED POSITION.
WHEN ALIGNED, IT CAN BE FELT BY HAND.



- (2) WHEN GUIDING, THE CONNECTORS ARE ALIGNED PARALLEL TO EACH OTHER, WITH LONGITUDINAL AND LATERAL MOVEMENTS RESTRICTED. MATE THEM PROPERLY BY APPLYING FORCE IN THIS CONDITION.

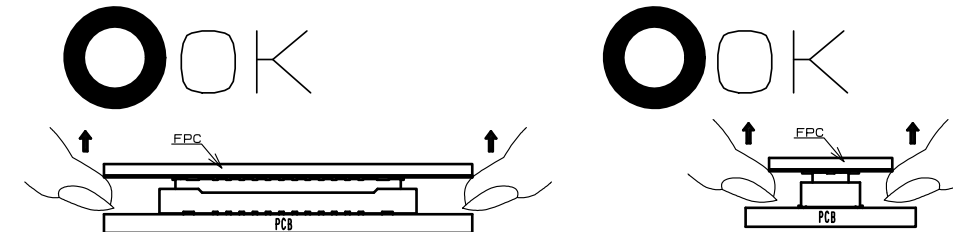


- (3) MAKE SURE THE CONNECTORS ARE MATED CORRECTLY. IF ONE SIDE IS FLOATING OR THE CONNECTORS ARE MATED IN ONE DIRECTION, UN-MATE THEM ONCE, AND THEN MATE THEM AGAIN, FOLLOWING THE PROCEDURES ABOVE FROM THE BEGINNING.

UN-MATING METHOD

PLEASE UN-MATE THE CONNECTOR BY HAND

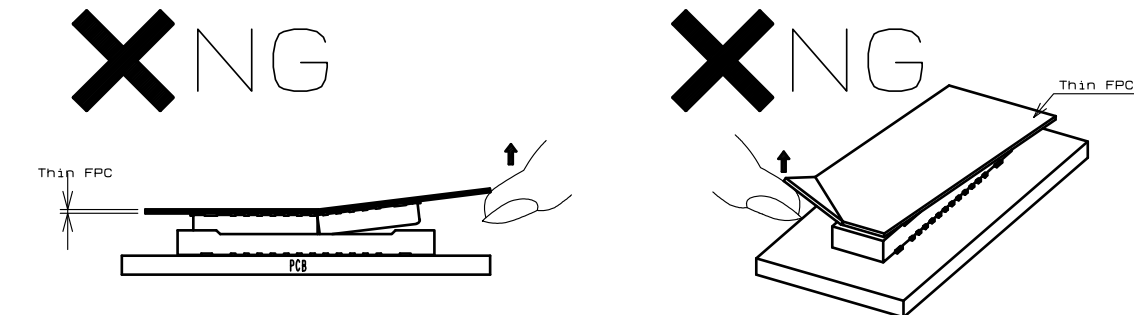
- (1) UN-MATE THE CONNECTORS PARALLEL TO EACH OTHER. HOWEVER, IF THE CONNECTORS HAVE HIGH PIN COUNTS OR THINNER FPC AND STIFFENER, IT BECOMES MORE DIFFICULT TO DO SO.



- (2) IF THE CONNECTOR CANNOT BE UN-MATED PARALLEL IT CAN BE REMOVED DIAGONALLY FROM THE PITCH DIRECTION. BE CAREFUL TO DO SO SINCE THIS ACTION APPLIES STRESS ON THE CONTACT.

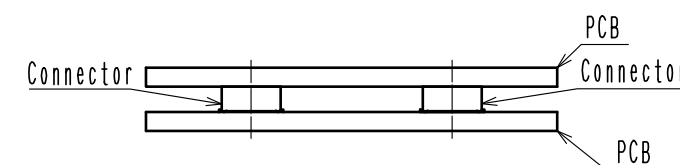


- (3) IF THE FPC IS NOT RIGID, THE CONNECTOR CAN BE BROKEN. PLEASE CHECK THE ACTION OF THE FPC TO BE USED REPEATEDLY AT THE TIME OF TRIAL PRODUCTION. BE CAREFUL TO UN-MATE THEM FROM THE PITCH DIRECTION. PULLING IT FROM THE CORNER CAN ALSO RISK TO PUTTING STRESS ON CONTACTS.

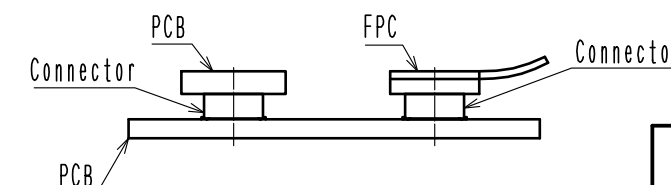


- (4) Caution for using multiple connectors.

Please avoid using more than a single mated pair of connectors between two sandwiched PCBs.
like the picture on the below.
Due to possible misalignment, connector breakage while and after mating may occur.



If using more than a single mated pair, please use divided boards for each connection.



HRS

DRAWING NO.	EDC3-345844-01
PART NO.	DF40HB(2.5)-10DS-0.4V(51)
CODE NO.	CL0684-4189-3-51

3/3