

Fig. 1 Recommended PCB Layout
 (All dimensions are symmetric about the centerline)

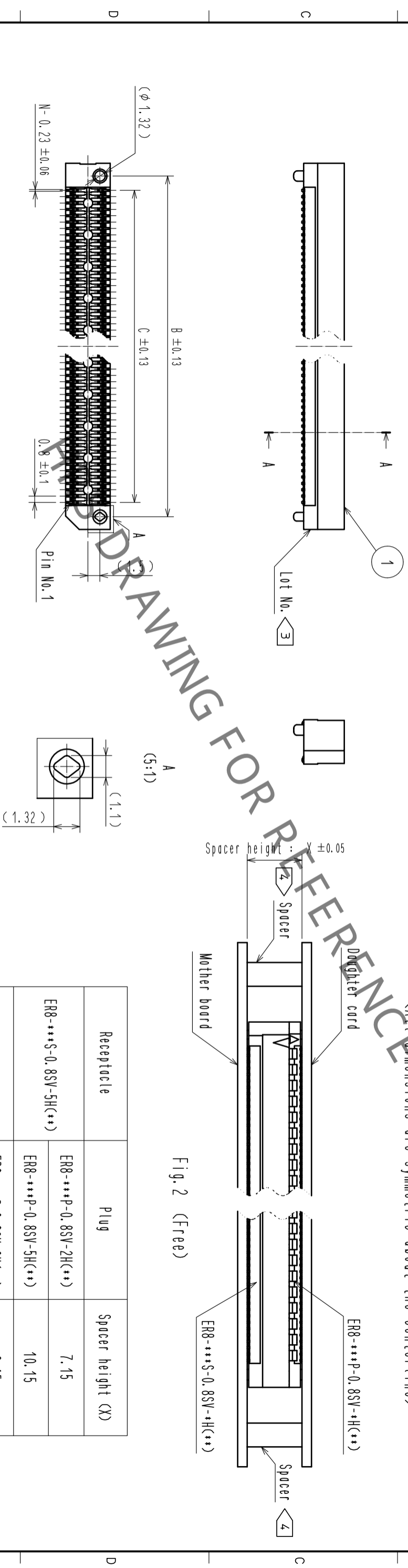


Fig. 2 (Free)

Receptacle	Plug	Spacer height (X)
ER8-***S-0.8SV-5H(**)	ER8-***P-0.8SV-2H(**)	7.15
ER8-***S-0.8SV-7H(**)	ER8-***P-0.8SV-5H(**)	10.15
ER8-***S-0.8SV-7H(**)	ER8-***P-0.8SV-2H(**)	9.15
ER8-***S-0.8SV-7H(**)	ER8-***P-0.8SV-5H(**)	12.15

Table 1 Spacer height

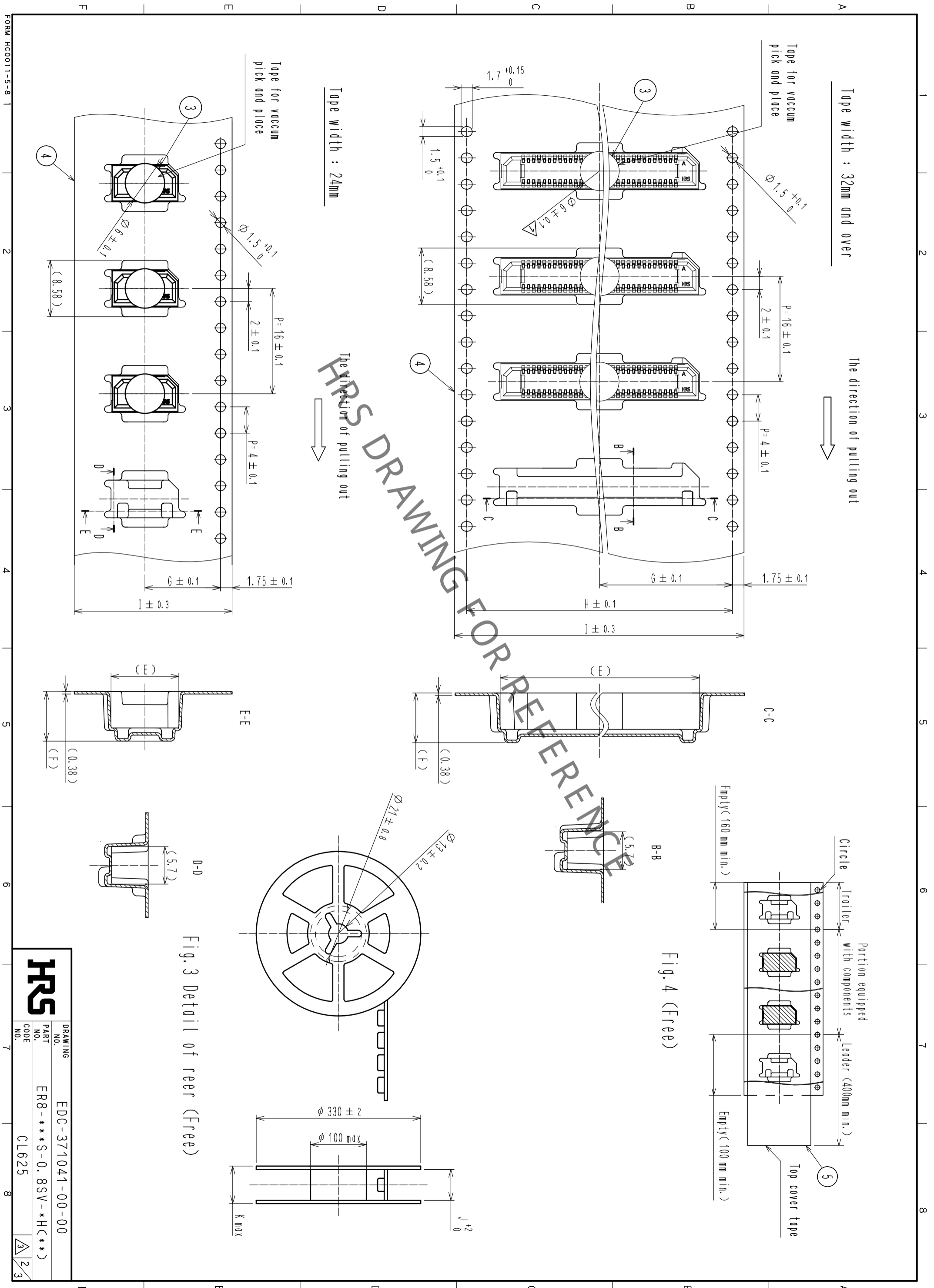
- Note.
1. Dimensions in parentheses () are for reference.
 2. Packaging for this product applies embossed carrier tape packaging. See sheet 2/3 and 3/3 for details.
 3. Lot No. shall be marked on the indicated position.
 4. The indicated mother board and daughter cord shall be gasketed to the additional reinforcements to prevent the stress on ER8-***P-0.8SV-*(H)** and ER8-***S-0.8SV-*(H)**.
 5. Plating specification are below.

Part No.	Plating specification
ER8-***S-0.8SV-*(H)	CONTACT AREA : Ni2.54μm + Au0.76μm LEAD AREA : Ni1.25μm + Sn3.81μm
ER8-***S-0.8SV-*(H)(10)	CONTACT AREA : Ni1.25μm + Au0.25μm LEAD AREA : Ni1.25μm + Sn2.54μm

NO.	MATERIAL	FINISH	REMARKS	NO.	MATERIAL	FINISH	REMARKS
3	POLYIMIDE	5	TAPE FOR VACUUM PICK AND PLACE	5	PE		(TOP COVER TAPE)
2	COPPER ALLOY	5		4	PS		(EMBOSSED CARRIER TAPE)
1	LCP		BLACK, UL94V-0				

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	1	DIS-F-00006543	TF. SUGAWARA	NH. TAMAI	20200826

APPROVED	CHECKED	DESIGNED	DRAWING NO.	EDC	PART NO.	ER8-***S-0.8SV-*(H)**
MM. EZAKI	MM. NAGATA	TF. SUGAWARA	20160620	371041-00-00	20160620	
CO., LTD.	CO., LTD.	TF. SUGAWARA	20160620	CL625		



FORM HC0011-5-8 1 2 3 4 5 6 7 8

HRS	DRAWING NO.	EDC-371041-00-00
	PART NO.	ER8-***S-0.8SV-*(H)**)
	CODE NO.	CL625

3/2/3

Part No.	Code No.	Conduct positions (N)	Dimensions											Co-planarity	Qty/reel
			A	B	C	D	E	F	G	H	I	J	K		
ER8-10S-0.8SV-5H(**)	CL625-0007-5-**-	10	10	6.8	3.2	5.335	10.3	7.55	11.5	-	24	24.4	30.4	0.1 Max	475
ER8-20S-0.8SV-5H(**)	CL625-0014-0-**-	20	14	10.8	7.2	5.335	14.3	7.55	14.2	28.4	32	32.4	38.4	0.1 Max	500
ER8-30S-0.8SV-5H(**)	CL625-0015-0-**-	30	18	14.8	11.2	5.335	18.3	7.55	20.2	40.4	44	44.4	50.4	0.1 Max	475
ER8-40S-0.8SV-5H(**)	CL625-0016-0-**-	40	22	18.8	15.2	5.335	22.3	7.55	20.2	40.4	44	44.4	50.4	0.1 Max	375
ER8-50S-0.8SV-5H(**)	CL625-0010-0-**-	50	26	22.8	19.2	5.335	26.3	7.55	20.2	40.4	44	44.4	50.4	0.1 Max	375
ER8-60S-0.8SV-5H(**)	CL625-0018-0-**-	60	30	26.8	23.2	5.335	30.3	7.55	20.2	40.4	44	44.4	50.4	0.1 Max	375
ER8-70S-0.8SV-5H(**)	CL625-0032-0-**-	70	34	30.8	27.2	5.335	34.3	7.55	26.2	52.4	56	56.4	62.4	0.12 Max	375
ER8-80S-0.8SV-5H(**)	CL625-0033-0-**-	80	38	34.8	31.2	5.335	38.3	7.55	26.2	52.4	56	56.4	62.4	0.12 Max	375
ER8-100S-0.8SV-5H(**)	CL625-0034-0-**-	100	46	42.8	39.2	5.335	46.3	7.55	34.2	68.4	72	72.4	89	0.12 Max	375
ER8-120S-0.8SV-5H(**)	CL625-0035-0-**-	120	54	50.8	47.2	5.335	54.3	7.55	34.2	68.4	72	72.4	89	0.12 Max	375
ER8-10S-0.8SV-7H(**)	CL625-0036-0-**-	10	10	6.8	3.2	7.25	10.3	9.45	11.5	-	24	24.4	30.4	0.1 Max	400
ER8-20S-0.8SV-7H(**)	CL625-0037-0-**-	20	14	10.8	7.2	7.25	14.3	9.45	14.2	28.4	32	32.4	38.4	0.1 Max	375
ER8-30S-0.8SV-7H(**)	CL625-0038-0-**-	30	18	14.8	11.2	7.25	18.3	9.45	20.2	40.4	44	44.4	50.4	0.1 Max	400
ER8-40S-0.8SV-7H(**)	CL625-0039-0-**-	40	22	18.8	15.2	7.25	22.3	9.45	20.2	40.4	44	44.4	50.4	0.1 Max	300
ER8-50S-0.8SV-7H(**)	CL625-0040-0-**-	50	26	22.8	19.2	7.25	26.3	9.45	20.2	40.4	44	44.4	50.4	0.1 Max	300
ER8-60S-0.8SV-7H(**)	CL625-0041-0-**-	60	30	26.8	23.2	7.25	30.3	9.45	26.2	52.4	56	56.4	62.4	0.1 Max	300
ER8-70S-0.8SV-7H(**)	CL625-0042-0-**-	70	34	30.8	27.2	7.25	34.3	9.45	26.2	52.4	56	56.4	62.4	0.12 Max	300
ER8-80S-0.8SV-7H(**)	CL625-0043-0-**-	80	38	34.8	31.2	7.25	38.3	9.45	26.2	52.4	56	56.4	62.4	0.12 Max	300
ER8-100S-0.8SV-7H(**)	CL625-0044-0-**-	100	46	42.8	39.2	7.25	46.3	9.45	34.2	68.4	72	72.4	89	0.12 Max	300
ER8-120S-0.8SV-7H(**)	CL625-0045-0-**-	120	54	50.8	47.2	7.25	54.3	9.45	34.2	68.4	72	72.4	89	0.12 Max	300

Table2 Dimensions

HR5	
DRAWING NO.	EDC-371041-00-00
PART NO.	ER8-***S-0.8SV-*(H(**))
CODE	CL625