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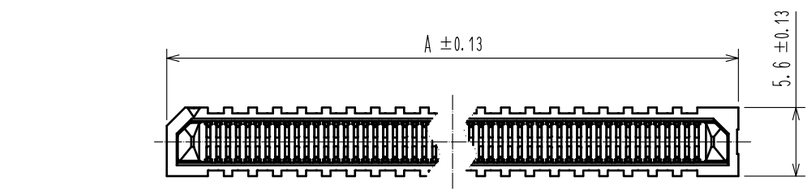
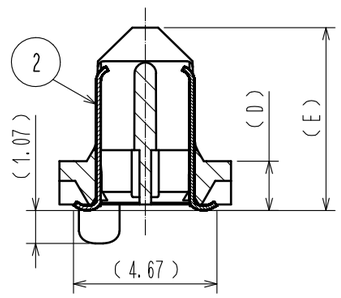
HRS DRAWING FOR REFERENCE





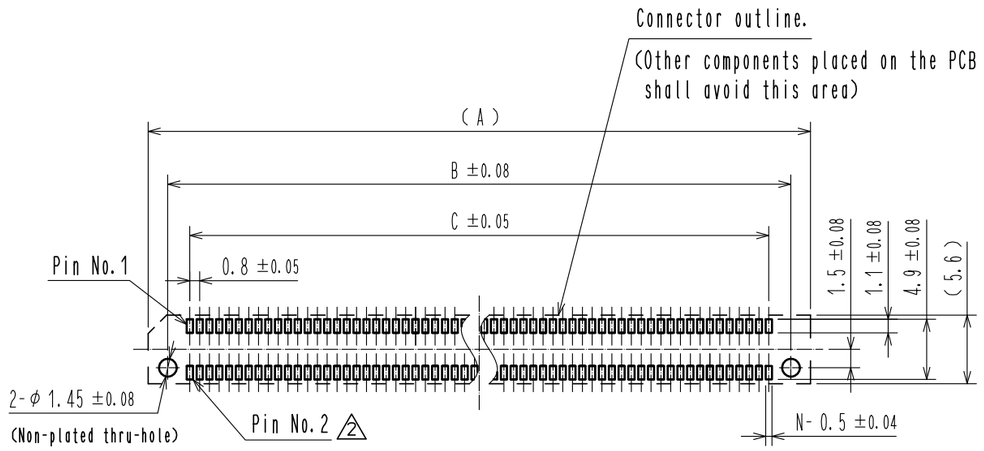
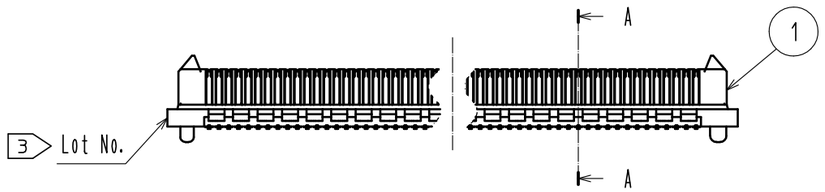


Fig.1 Recommended PCB Layout
(All dimensions are symmetric about the centerline)



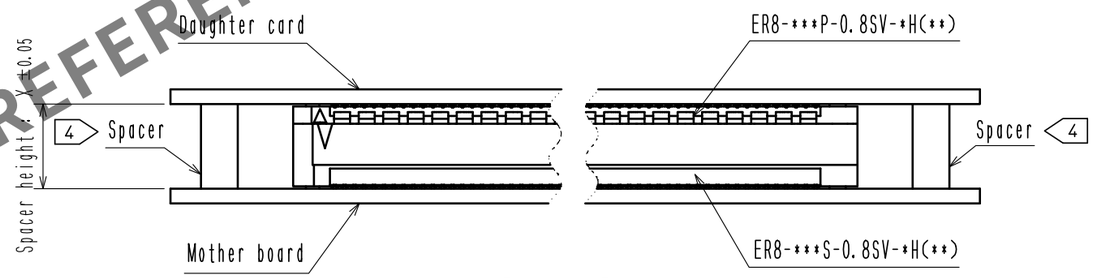
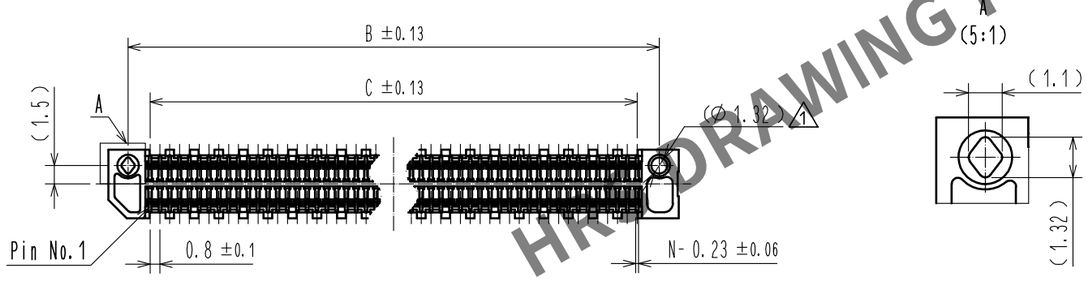


Fig.2 (Free)



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 card shall be gastenedto 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-***P-0.8SV-*H	CONTACT AREA : Ni2.54μm + Au0.76μm
	LEAD AREA : Ni1.25μm + Sn3.81μm
ER8-***P-0.8SV-*H(10)	CONTACT AREA : Ni1.25μm + Au0.25μm
	LEAD AREA : Ni1.25μm + Sn2.54μm

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

Table1 Spacer height

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

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

HIROSE ELECTRIC CO., LTD.

APPROVED	MK. EZAKI	20160617	DRAWING NO. EDC-371040-00-00
CHECKED	MK. NAGATA	20160617	PART NO. ER8-***P-0.8SV-*H(**)
DESIGNED	TF. SUGAWARA	20160617	
DRAWN	TF. SUGAWARA	20160617	CODE NO. CL625

2 1/3

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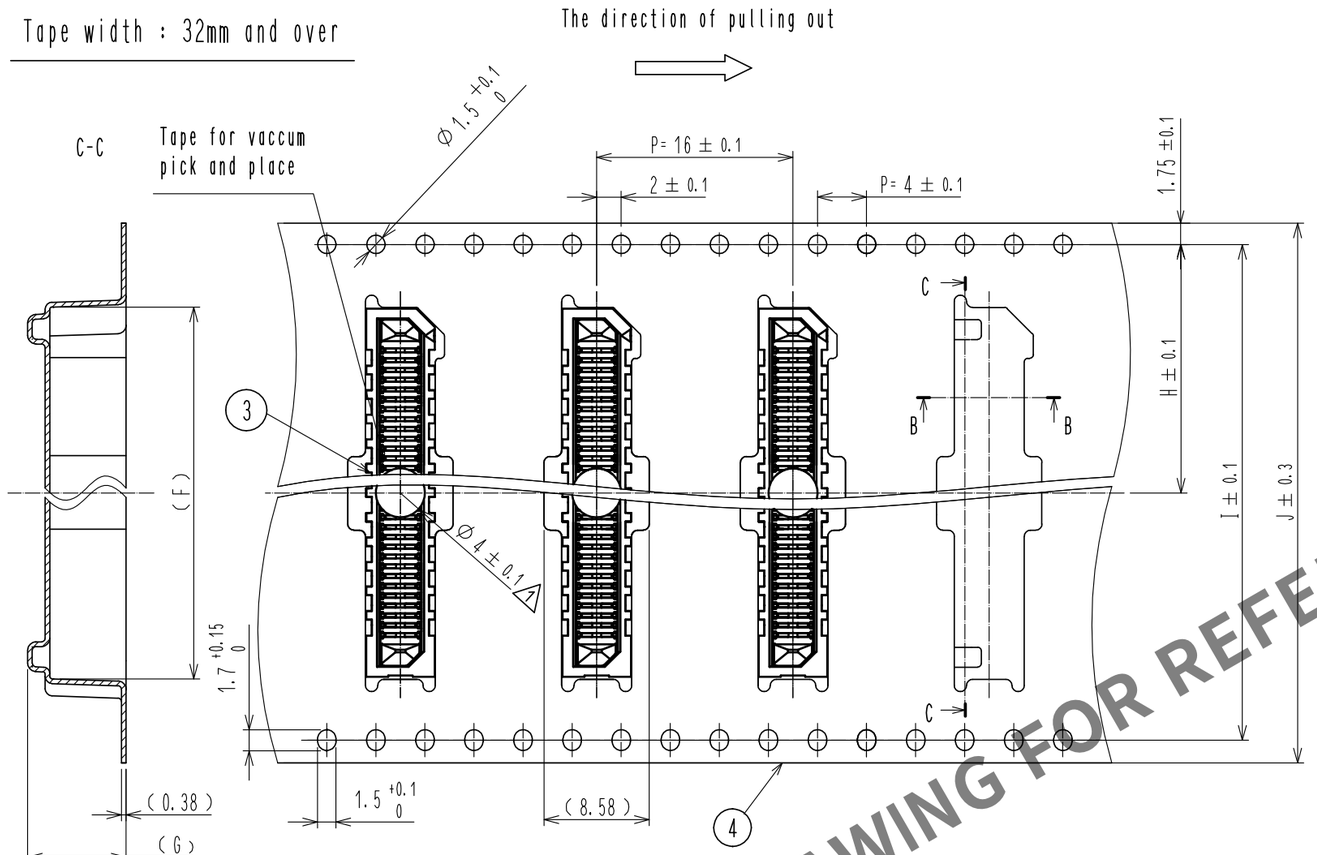
Tape width : 32mm and over



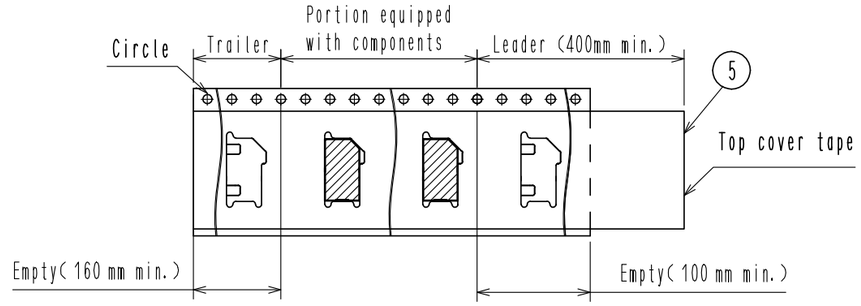
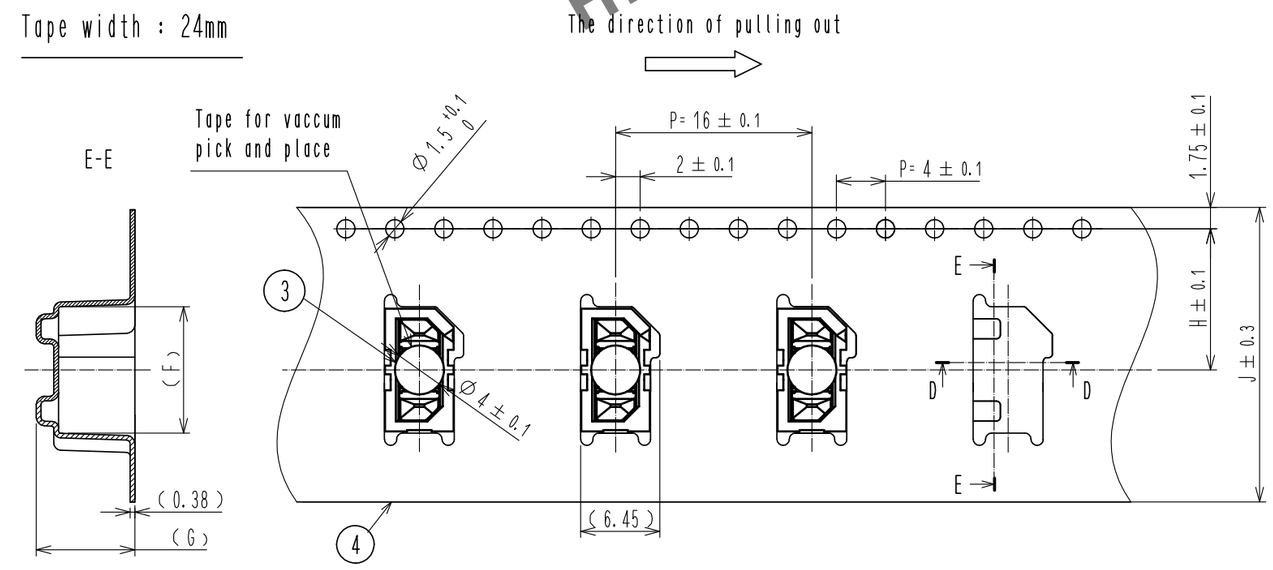


Fig. 4 (Free)

Tape width : 24mm



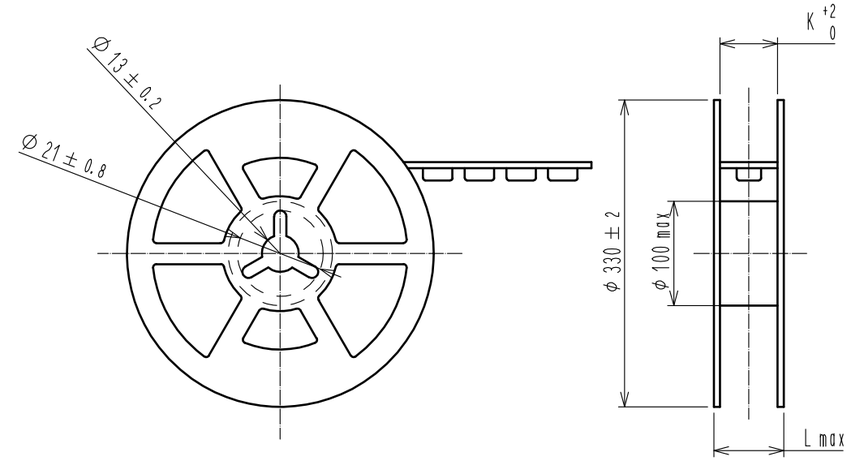


Fig. 3 Detail of reer (Free)

HRS	DRAWING NO.	EDC-371040-00-00
	PART NO.	ER8-***P-0.8SV-*H(**)
	CODE NO.	CL625

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Part No.	Code No.	Conact positions (N)	Dimensions												Co-planarity	Qty/reel
			A	B	C	D	E	F	G	H	I	J	K	L		
ER8-10P-0.8SV-2H(**)	CL625-0008-8-**	10	10	6.8	3.2	1.605	5.965	10.3	8.03	11.5	-	24	24.4	30.4	0.1 Max	450
ER8-20P-0.8SV-2H(**)	CL625-0011-0-**	20	14	10.8	7.2	1.605	5.965	14.3	8.03	14.2	28.4	32	32.4	38.4	0.1 Max	475
ER8-30P-0.8SV-2H(**)	CL625-0012-0-**	30	18	14.8	11.2	1.605	5.965	18.3	8.03	20.2	40.4	44	44.4	50.4	0.1 Max	475
ER8-40P-0.8SV-2H(**)	CL625-0013-0-**	40	22	18.8	15.2	1.605	5.965	22.3	8.03	20.2	40.4	44	44.4	50.4	0.1 Max	350
ER8-50P-0.8SV-2H(**)	CL625-0009-0-**	50	26	22.8	19.2	1.605	5.965	26.3	8.03	20.2	40.4	44	44.4	50.4	0.1 Max	350
ER8-60P-0.8SV-2H(**)	CL625-0017-0-**	60	30	26.8	23.2	1.605	5.965	30.3	8.03	20.2	40.4	44	44.4	50.4	0.1 Max	350
ER8-70P-0.8SV-2H(**)	CL625-0021-0-**	70	34	30.8	27.2	1.605	5.965	34.3	8.03	26.2	52.4	56	56.4	62.4	0.1 Max	350
ER8-80P-0.8SV-2H(**)	CL625-0022-0-**	80	38	34.8	31.2	1.605	5.965	38.3	8.03	26.2	52.4	56	56.4	62.4	0.12 Max	350
ER8-100P-0.8SV-2H(**)	CL625-0023-0-**	100	46	42.8	39.2	1.605	5.965	46.3	8.03	34.2	68.4	72	72.4	89	0.12 Max	350
ER8-120P-0.8SV-2H(**)	CL625-0003-4-**	120	54	50.8	47.2	1.605	5.965	54.3	8.03	34.2	68.4	72	72.4	89	0.12 Max	375
ER8-10P-0.8SV-5H(**)	CL625-0024-0-**	10	10	6.8	3.2	4.605	8.905	10.3	11	11.5	-	24	24.4	30.4	0.1 Max	325
ER8-20P-0.8SV-5H(**)	CL625-0025-0-**	20	14	10.8	7.2	4.605	8.905	14.3	11	14.2	28.4	32	32.4	38.4	0.1 Max	325
ER8-30P-0.8SV-5H(**)	CL625-0026-0-**	30	18	14.8	11.2	4.605	8.905	18.3	11	20.2	40.4	44	44.4	50.4	0.1 Max	325
ER8-40P-0.8SV-5H(**)	CL625-0020-0-**	40	22	18.8	15.2	4.605	8.905	22.3	11	20.2	40.4	44	44.4	50.4	0.1 Max	250
ER8-50P-0.8SV-5H(**)	CL625-0027-0-**	50	26	22.8	19.2	4.605	8.905	26.3	11	20.2	40.4	44	44.4	50.4	0.1 Max	250
ER8-60P-0.8SV-5H(**)	CL625-0019-0-**	60	30	26.8	23.2	4.605	8.905	30.3	11	26.2	52.4	56	56.4	62.4	0.1 Max	250
ER8-70P-0.8SV-5H(**)	CL625-0028-0-**	70	34	30.8	27.2	4.605	8.905	34.3	11	26.2	52.4	56	56.4	62.4	0.1 Max	250
ER8-80P-0.8SV-5H(**)	CL625-0029-0-**	80	38	34.8	31.2	4.605	8.905	38.3	11	26.2	52.4	56	56.4	62.4	0.12 Max	250
ER8-100P-0.8SV-5H(**)	CL625-0030-0-**	100	46	42.8	39.2	4.605	8.905	46.3	11	34.2	68.4	72	72.4	89	0.12 Max	250
ER8-120P-0.8SV-5H(**)	CL625-0031-0-**	120	54	50.8	47.2	4.605	8.905	54.3	11	34.2	68.4	72	72.4	89	0.12 Max	250

Table2 Dimensions

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HRS	DRAWING NO.	EDC-371040-00-00
	PART NO.	ER8-***P-0.8SV-*H(**)
	CODE NO.	CL625