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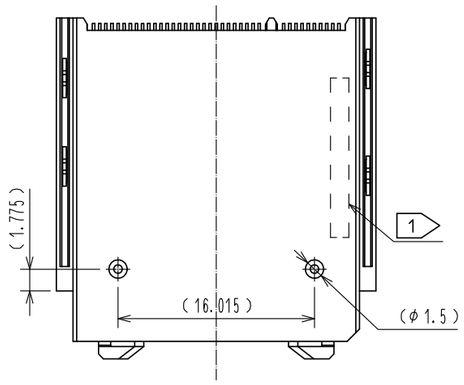
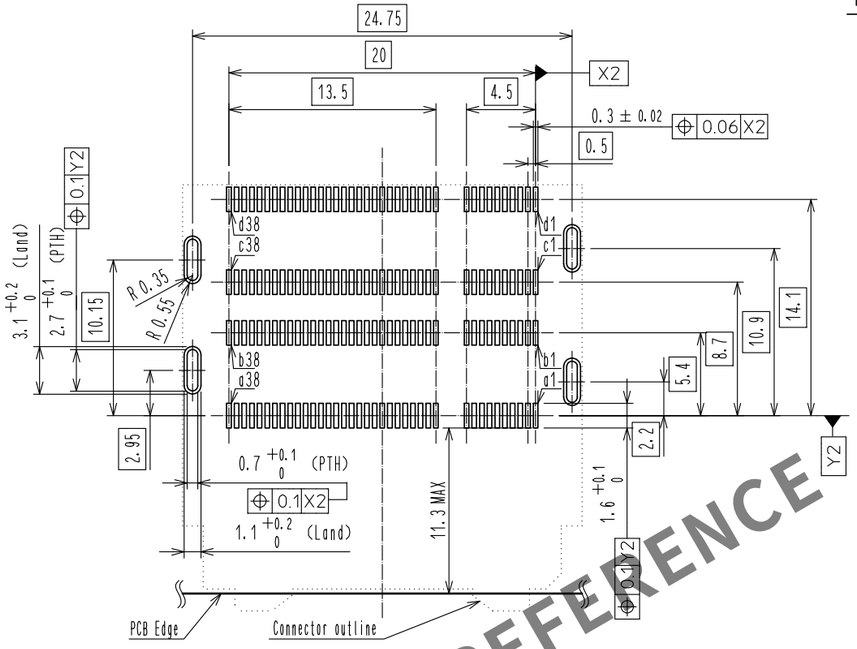
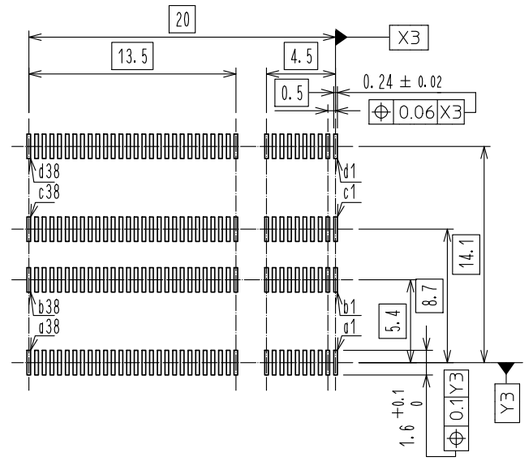
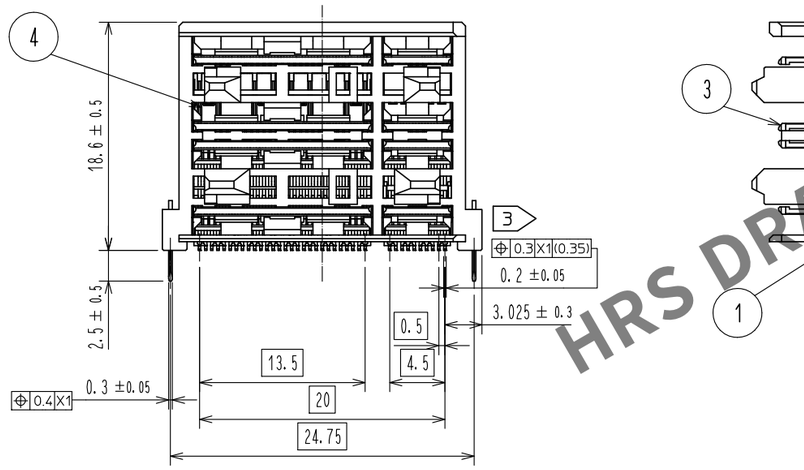


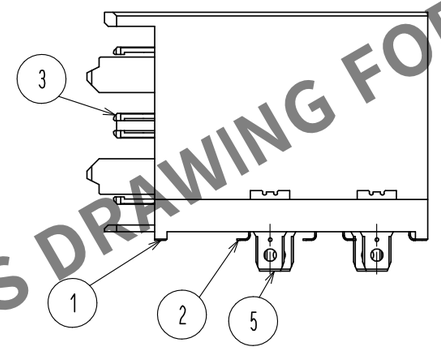
Recommended Land Pattern Dimension of PCB (Free Scale)

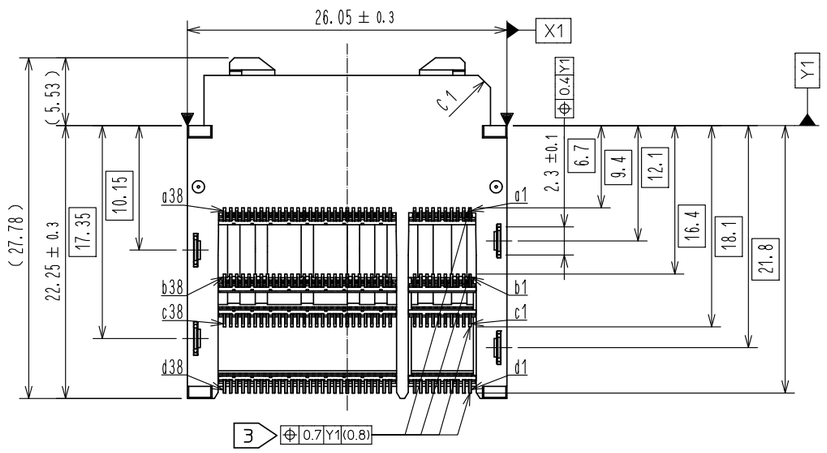


Recommended Stencil Pattern (Free Scale)
(Stencil thickness : 0.13mm)









HRS DRAWING FOR REFERENCE

NOTE
1. Lot no. is marked on top of the connector.
2. Maximum coplanarity is 0.13 mm.
3. ( ) tolerance indicated SMT pin locations in the air for pick-and-place machine.
4. Standard package of 120pcs are packaged in a carton box.
5. ( ) indicates a referance dimension.
6. This connector is sensitive to SMT pin locations and coplanarity.
   Handling this product with an automated machine is recommended. SMT pin locations and coplanarity can be damaged accidentally when inspection workers manually handle this connector. Please pay attention when picking up and placing back the connector into the tray.
   Scrap the connectors if a strong shock such as drop to the floor is applied to the connector or to the tray containing the connectors.

NO.	MATERIAL	FINISH , REMARKS	NO.	MATERIAL	FINISH , REMARKS
3	LCP	BLACK UL94V-0			
2	COPPER ALLOY	CONTACT AREA:NiP3μm+AuP0.76μm	6	HIPS	BLACK
		MOUNT AREA :NiP1μm+AuP0.03μm	5	COPPER ALLOY	NiP1μm+SnP3μm
1	LCP	BLACK UL94V-0	4	STAINLESS	-

UNITS	SCALE	COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	2 : 1	0				

HIROSE ELECTRIC CO., LTD.

APPROVED	NH. TAMAI	20191010
CHECKED	NH. TAMAI	20191010
DESIGNED	DK. AIMOTO	20191010
DRAWN	DK. AIMOTO	20191010

DRAWING NO.	EDC-379970-00-00
PART NO.	IT9M3-152P-0.5SH4
CODE NO.	CL636-1800-0-00

0 1/2

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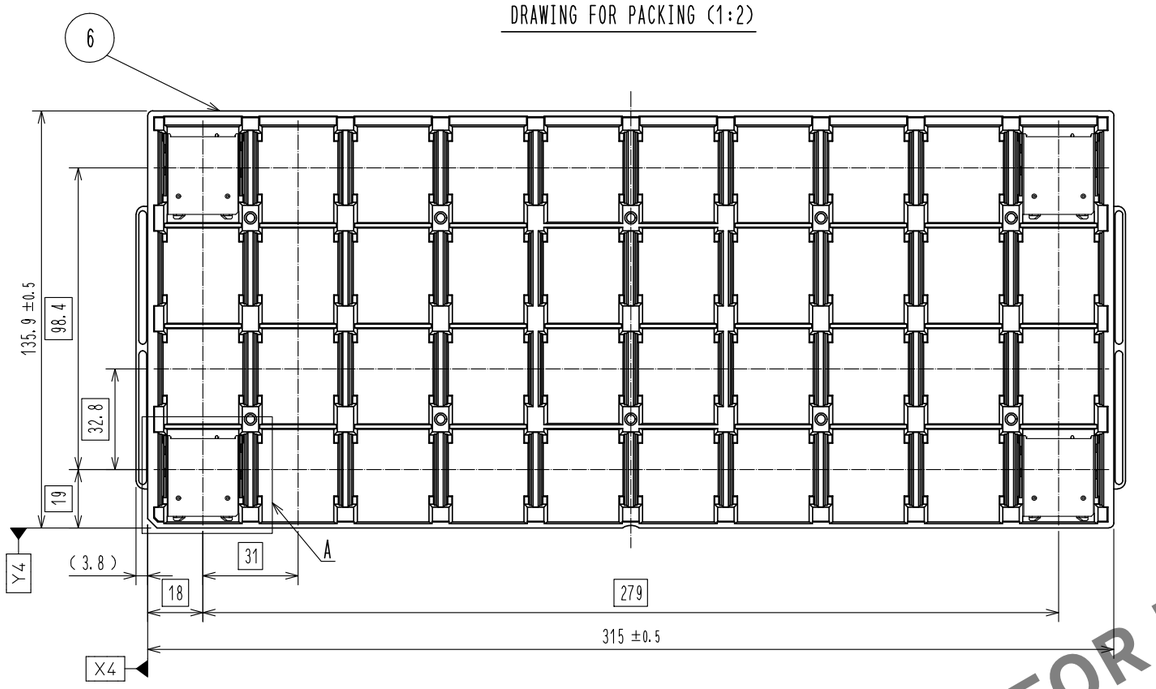
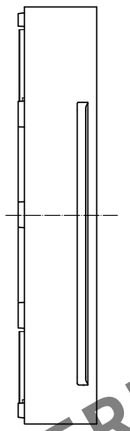
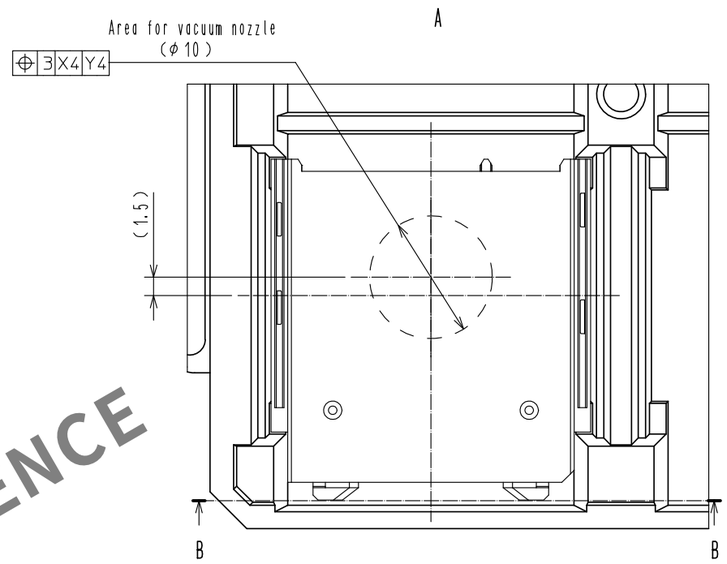
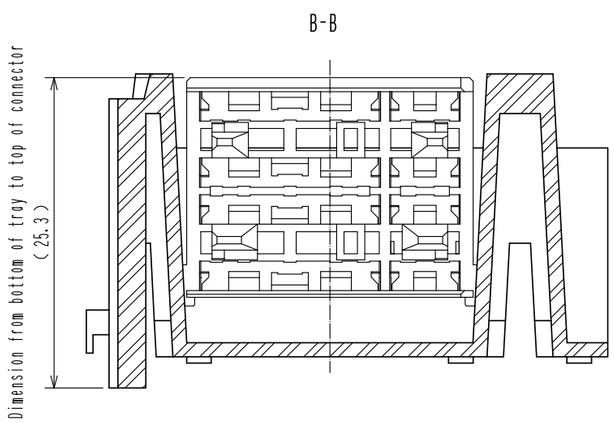
DRAWING FOR PACKING (1:2)









HRS DRAWING FOR REFERENCE

Pin Assignment

	Pin Number																										
	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11
Row d	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G
Row c	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G
Row b	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G
Row a	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G	S	S	G

	Pin Number									
	10	09	08	07	06	05	04	03	02	01
Row d	U	U	U	U	U	U	U	U	U	U
Row c	U	U	U	U	U	U	U	U	U	U
Row b	U	U	U	U	U	U	U	U	U	U
Row a	U	U	U	U	U	U	U	U	U	U

S : Differential Signal Pin
G : Dedicated Ground Pin
U : Universal Pin

DRAWING NO.	EDC-379970-00-00
PART NO.	IT9M3-152P-0.5SH4
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