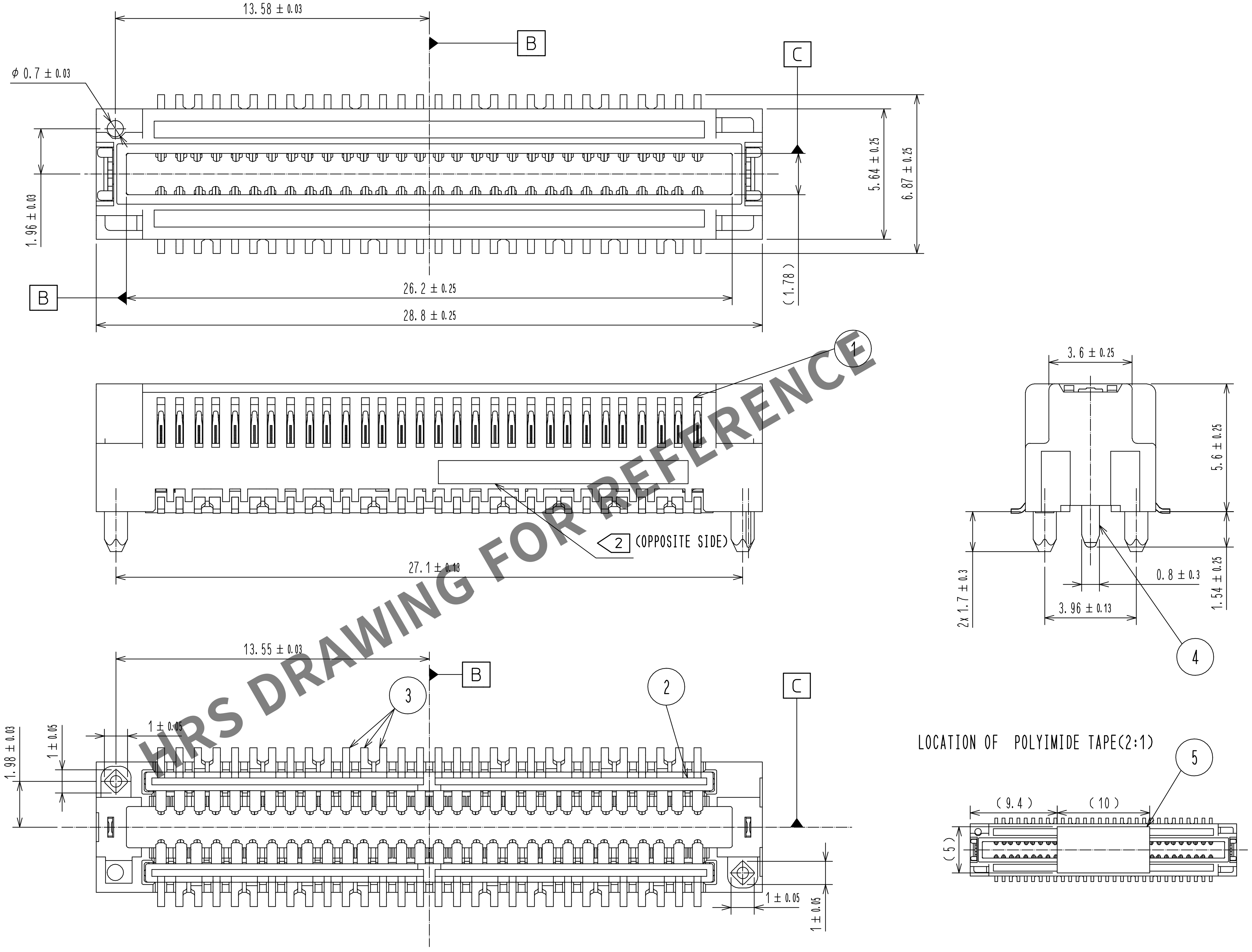


NOTE.

1. STANDARD PACKAGE OF 600 PCS ARE PACKAGED IN A EMBOSSED CARRIER TAPE.
2. LOT NO. SHALL BE MARKED ON THE INDICATED POSITION.
3. MAXIMUM COPLANARITY IS 0.1mm.
4. THIS PRODUCT SATISFIES HALOGEN FREE REQUIREMENTS DEFIED AS 900ppm MAXIMUM CHLORINE. 900ppm MAXIMUM BROMINE. AND 1500ppm MAXIMUM TOTAL OF CHLORINE AND BROMINE.

NO.	MATERIAL	FINISH . REMARKS	NO.	MATERIAL	FINISH . REMARKS
5	POLYIMIDE	(TAPE FOR VACCUM PICK AND PLACE)	7	PE	(TOP COVER TAPE)
4	COPPER ALLOY	NiP 1.27μm + Sn 2.54μm	6	PS	(EMBOSSED CARRIER TAPE)
2	LCP	BLACK UL94V-0	3	COPPER ALLOY	CONTACT AREA: NiP 2.54μm + AuP0.76μm
1	LCP	BLACK UL94V-0			MOUNT AREA : NiP2.54μm + AuP 0.03μm

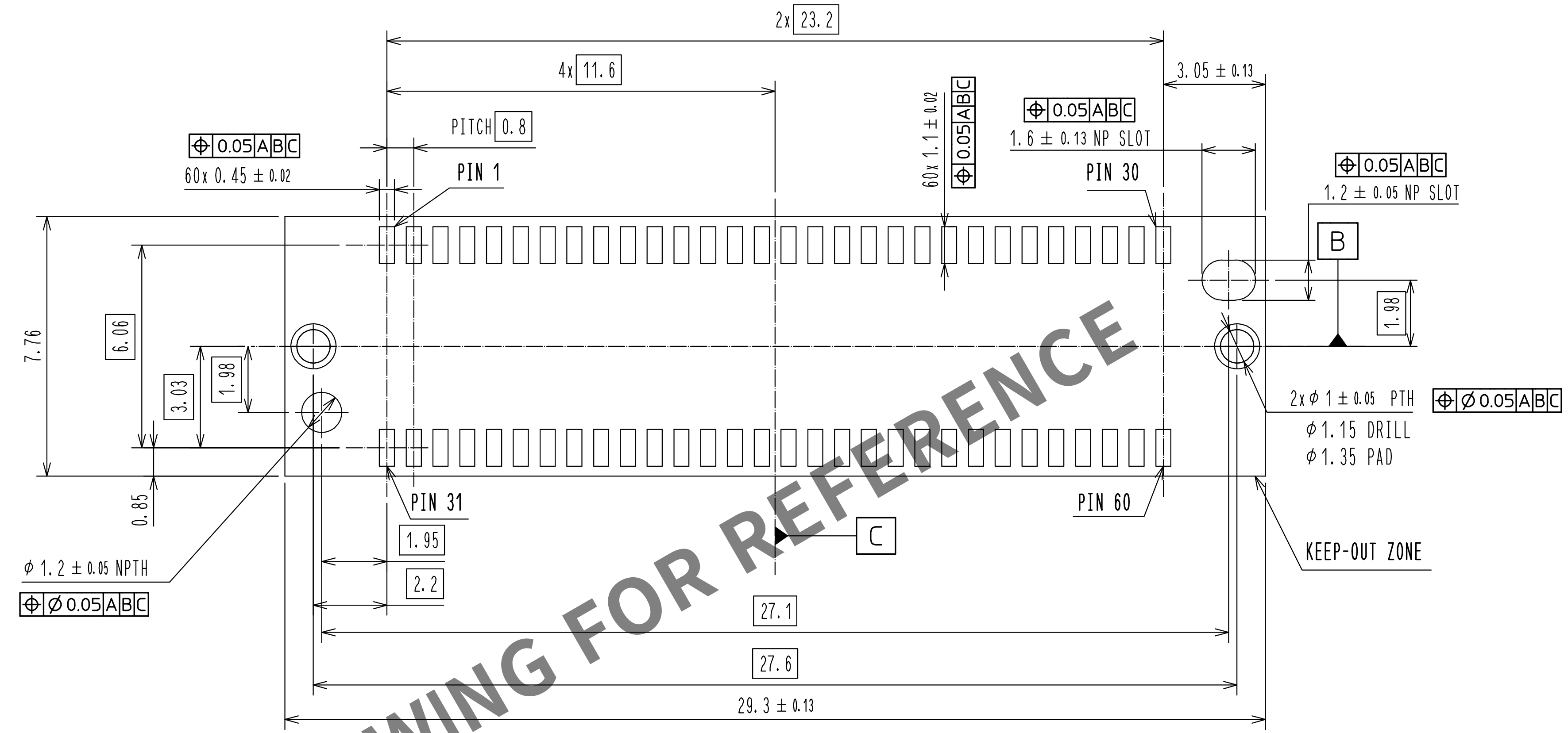
UNITS	SCALE		COUNT	DESCRIPTION OF REVISIONS	DESIGNED	CHECKED	DATE
mm	5 : 1	1	2	DIS-F-00004880	XINGYU CHENG	MK. EZAKI	20190705

HIROSE ELECTRIC CO., LTD.

APPROVED	TM. MATSUO	20181219	DRAWING NO.	EDC-378490-00-01
CHECKED	MK. EZAKI	20181219	PART NO.	IT12M1-60S-0.8SV
DESIGNED	AS. MATSUZAWA	20181218	CODE NO.	CL636-5001-0-00
DRAWN	XINGYU CHENG	20181218		1 1/4

PCB LAYOUT (COMPONENT SIDE)

SOLDER PASTE THICKNESS: 0.13 MIN
DATUM A IS THE BOTTOM SURFACE OF THE PCB



Pin configuration

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Pin configuration	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E
Pin No.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Pin configuration	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G

S: SIGNAL G:GROUND E:EXTRA

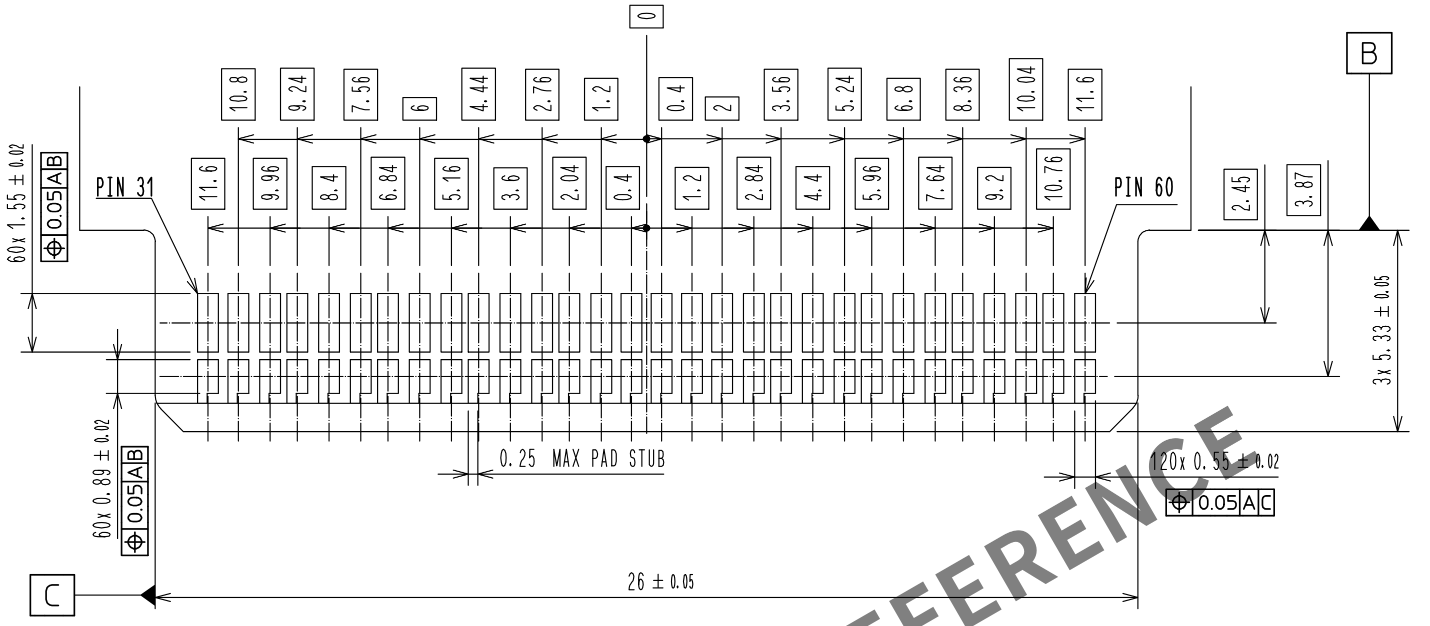
NOTES:
1. PIN NUMBERING IS FOR REFERENCE ONLY.
   OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
2. RETENTION NAIL MUST BE SOLDERED ON TO THE PCB FOR PROPER CONNECTOR FUNCTION

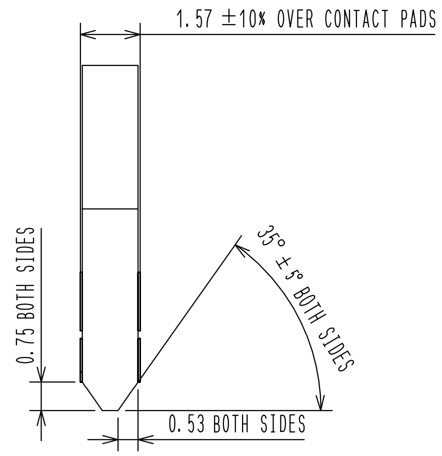
DRAWING NO.	EDC-378490-00-01
PART NO.	IT12M1-60S-0.8SV
CODE NO.	CL636-5001-0-00

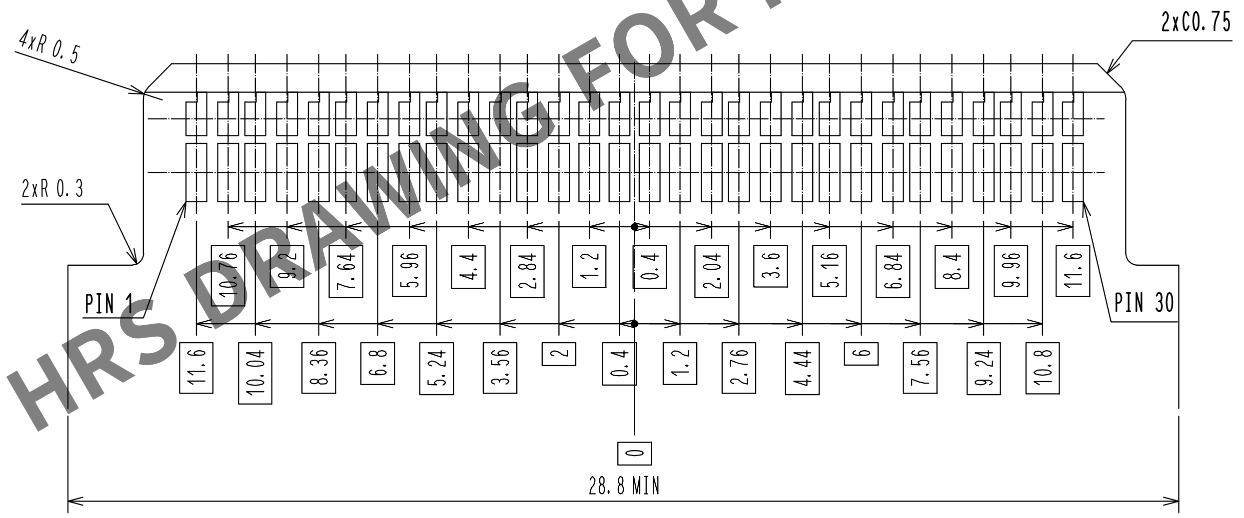
EDGECARD LAYOUT

FRONT SIDE

DATUM A IS THE OPPOSITE SIDE OF THE PCB







BACK SIDE

DATUM A IS THE OPPOSITE SIDE OF THE PCB

Pin configuration

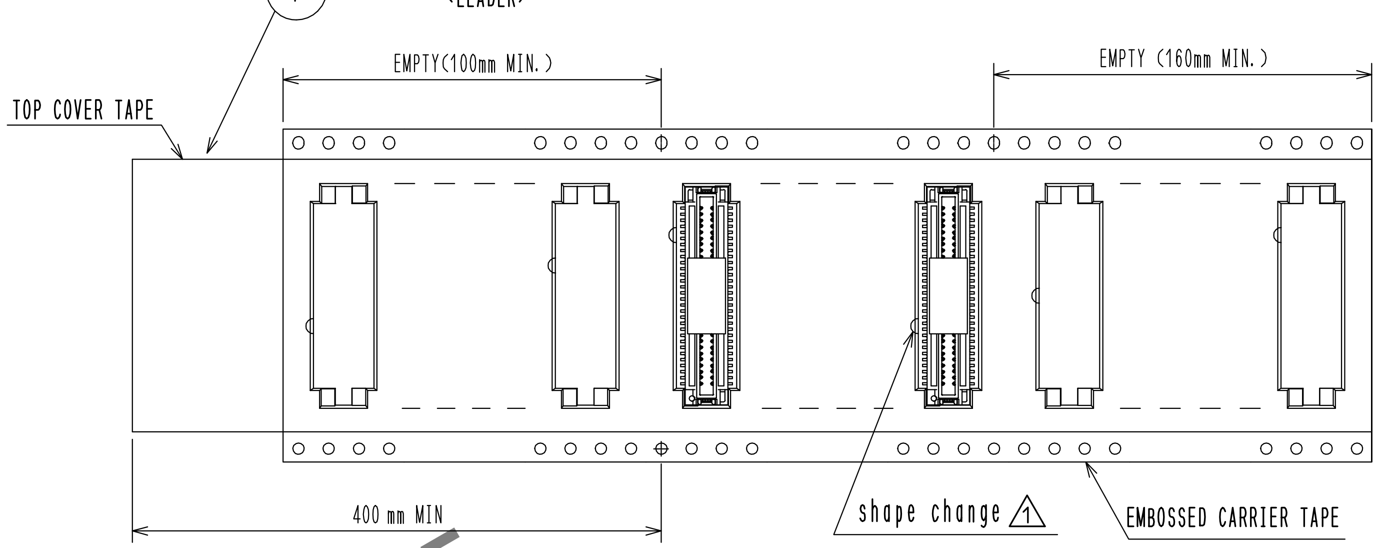
Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Pin configuration	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E
Pin No.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Pin configuration	E	G	S	S	G	S	S	G	S	S	G	S	S	G	E	E	E	G	S	S	G	S	S	G	S	S	G	S	S	G

S: SIGNAL G:GROUND E:EXTRA

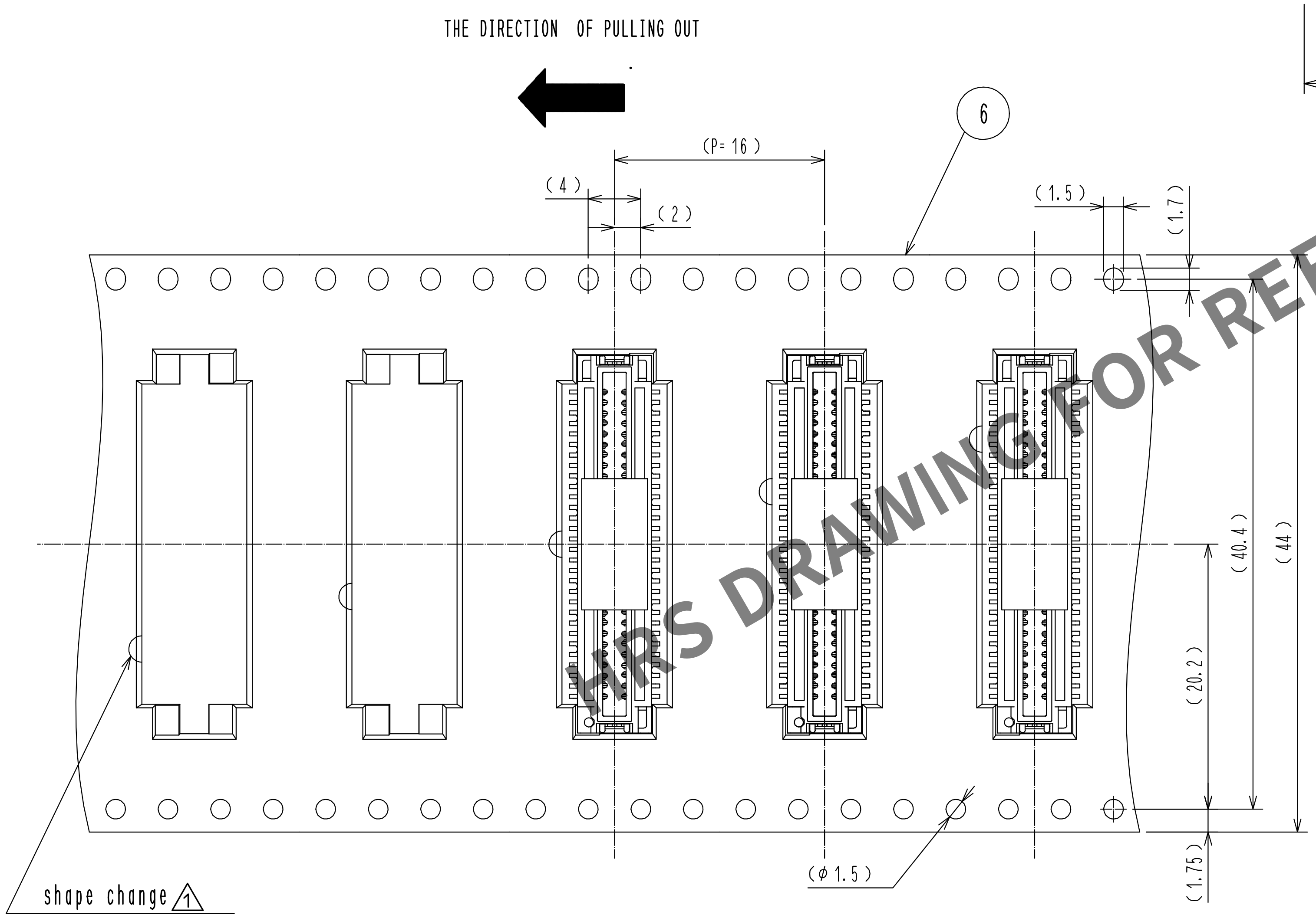
NOTES:
1. PIN NUMBERING IS FOR REFERENCE ONLY. OTHER PIN NUMBERS WILL NOT AFFECT THE OPERATION OF THE CONNECTOR.
2. EDGE CARD SHOULDERS STOP ON RECEPTACLE SHOULDERS. EDGE CARD BOTTOM DOES NOT CONTACT RECEPTACLE PCB.
3. PAD SET BACK FROM CHAMFER ENOUGH TO ACCOMODATE LARGEST CHMFER WITHOUT DAMAGE TO PAD EDGE.
4. CHAMFER DEPTH SHOULD BE AS LARGE AS PRACTICAL TO ENSURE CORRECT MATING TO THE RECEPTACLE.
5. ALL CHAMFERED EDGES SHOULD BE ROUNDED WHERE POSSIBLE.
6. INTERNAL PLATING BRIDGES ARE PREFERRED TO ELIMINATE PAD STUB.

DRAWING NO.	EDC-378490-00-01
PART NO.	IT12M1-60S-0.8SV
CODE NO.	CL636-5001-0-00

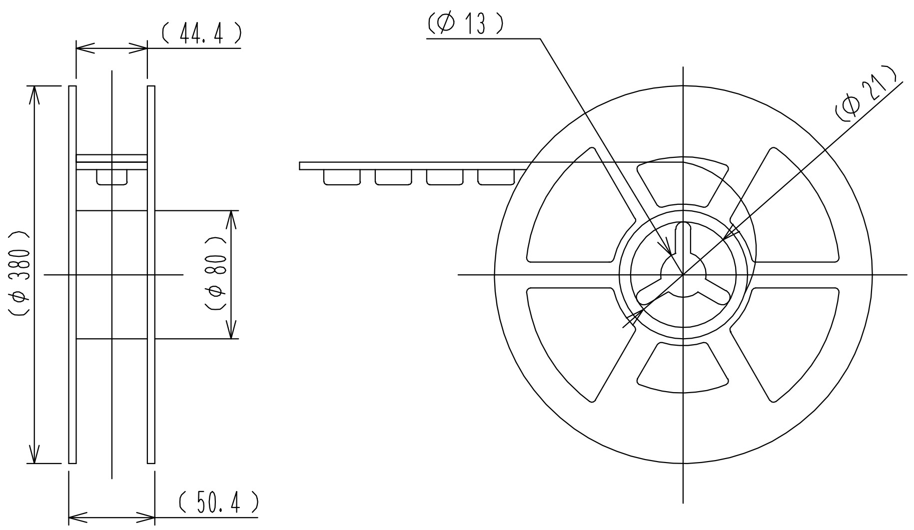
TAPE LEADER & TRAILLER DIMENSIONS (NOT TO SCALE)



DRAWING FOR PACKAGING (NOT TO SCALE)



DETAIL OF REEL (NOT TO SCALE)



HRS	DRAWING NO.	EDC-378490-00-01
	PART NO.	IT12M1-60S-0.8SV
	CODE NO.	CL636-5001-0-00 1 4/4