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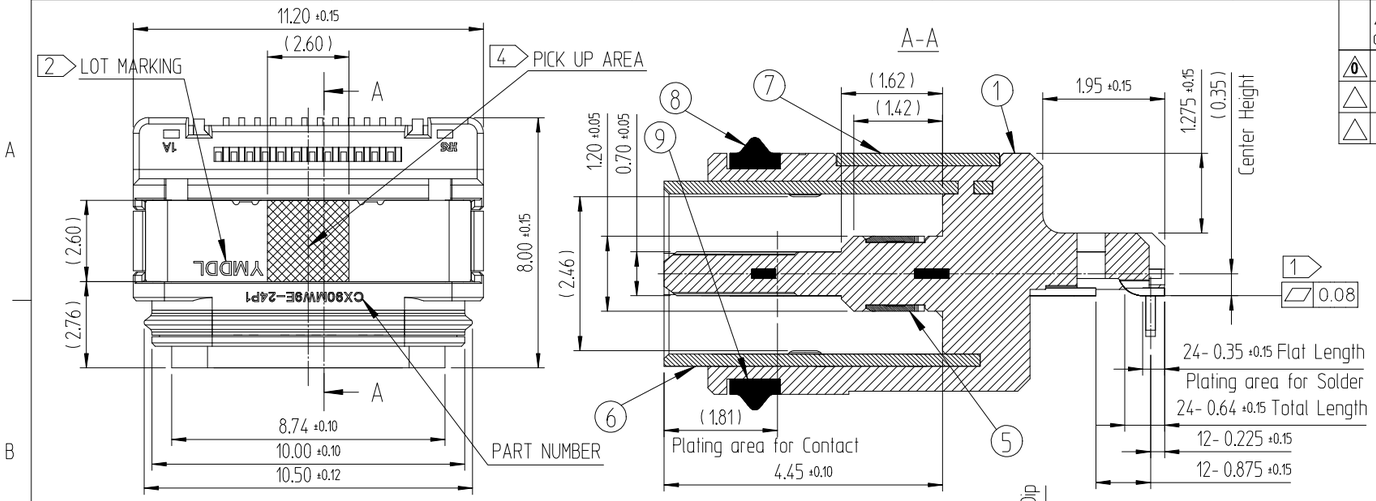
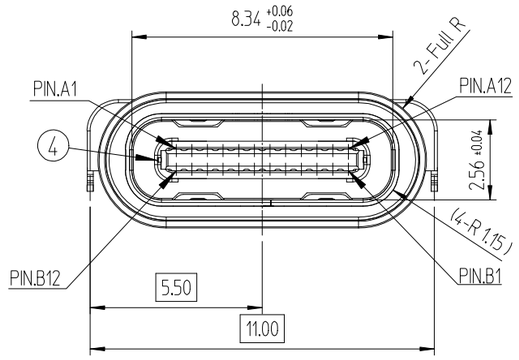
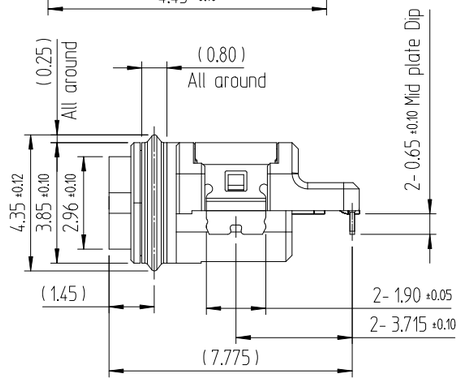
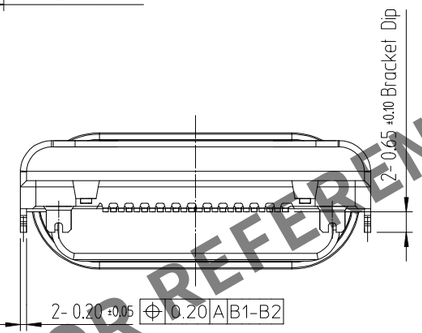
	△数 COUNT	訂正事項 DESCRIPTION OF REVISIONS	擔當 BY	檢圖 CHKD	年月日 DATE
0	–	Released(RE-2-2971)	KYG	LHJ	26. 01. 28
△					. .
△					. .

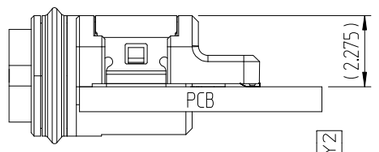




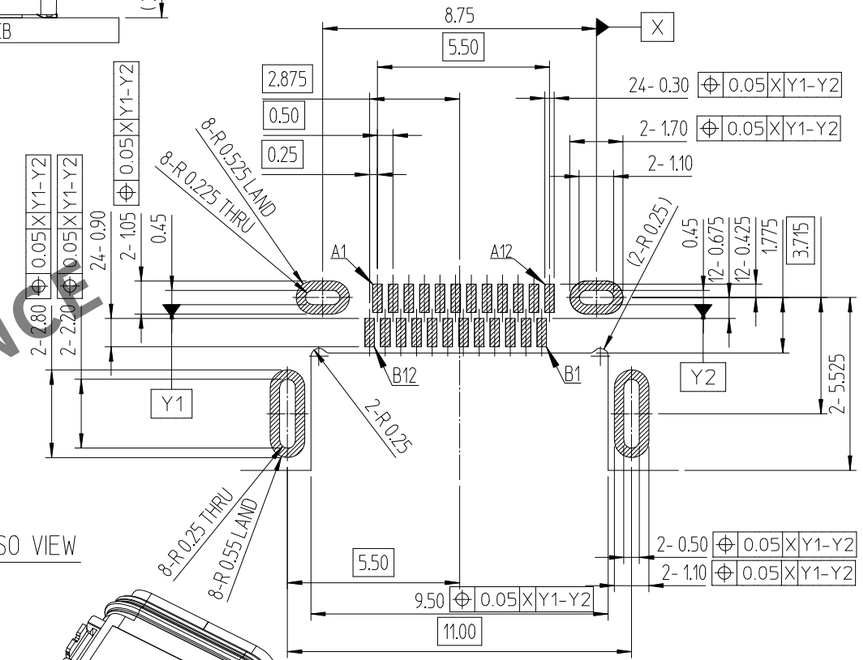




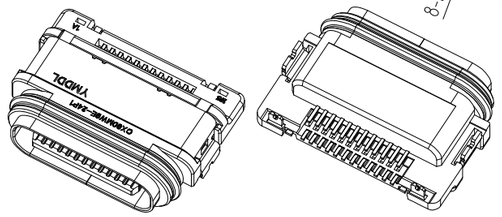
PCB MOUNTING POSITION

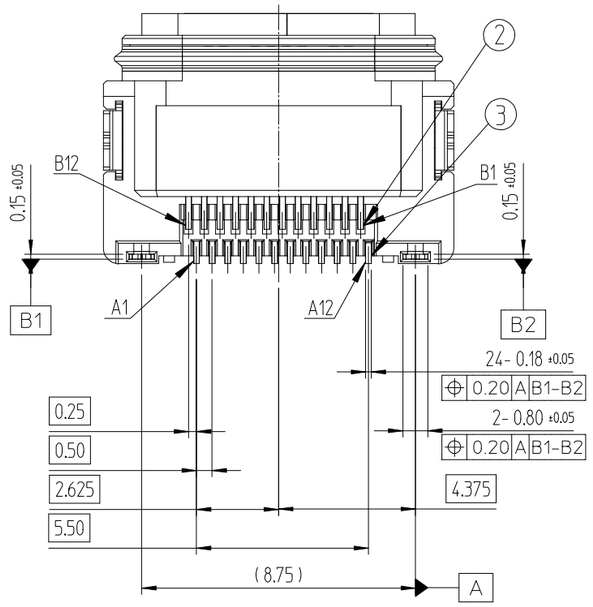


RECOMMENDED PCB LAYOUT(TOP-VIEW)
(GENERAL TOLERANCE : ±0.05)

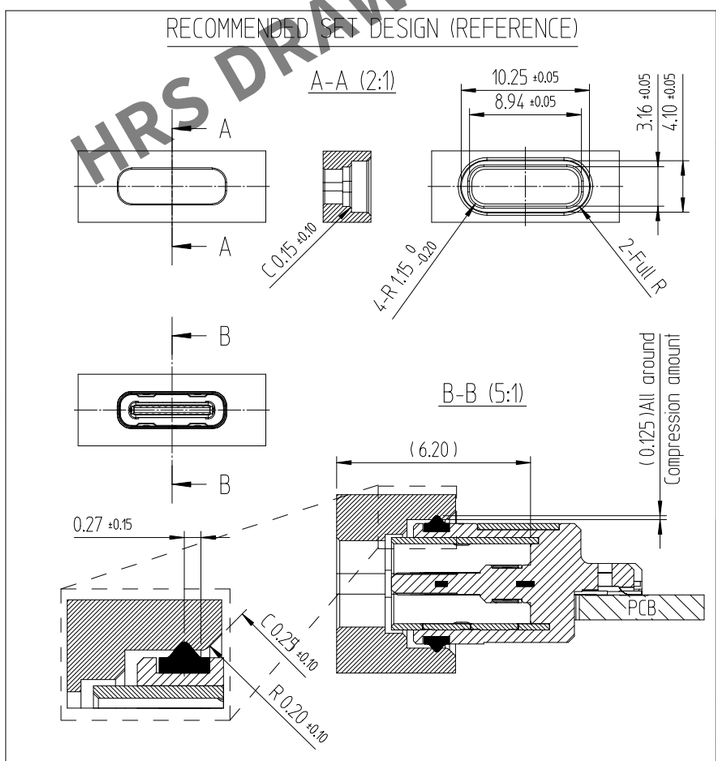


ISO VIEW





RECOMMENDED SET DESIGN (REFERENCE)



NO.	DESCRIPTIONS	MATERIAL	FINISH	REMARKS
9	BONDING	SILICONE	BLACK COLOR	-
8	GASKET	SILICONE	GRAY COLOR	-
7	BRACKET	STAINLESS STEEL	NICKEL PLATING	-
6	SHELL	STAINLESS STEEL	CLEANSING	-
5	GROUND PLATE	STAINLESS STEEL	NICKEL PLATING	-
4	MID PLATE	STAINLESS STEEL	NICKEL PLATING	-
3	CONTACT 2ND	COPPER ALLOY	CONTACT AREA : GOLD OVER NICKEL PLATING SOLDER AREA : GOLD OVER NICKEL PLATING THE OTHER AREA : NICKEL PLATING	-
2	CONTACT 1ST	COPPER ALLOY		
1	INSERT CASE	THERMOPLASTIC	BLACK COLOR	UL94V-0

CODE NO. (OLD)

DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
Y.G.KIM 26.01.28	Y.G.KIM 26.01.28	H.J.LEE 26.01.28	H.J.LEE 26.01.28	ENG 26.01.28 DEPT

SCALE 5:1
UNITS mm

DRAWING NO. EDC3-634516-00
PART NO. CX90MW9E-24P1
HRS HIROSE KOREA CO.,LTD.
CODE NO CL 6272-0002-6-000
1/2

HRS DRAWING FOR REFERENCE

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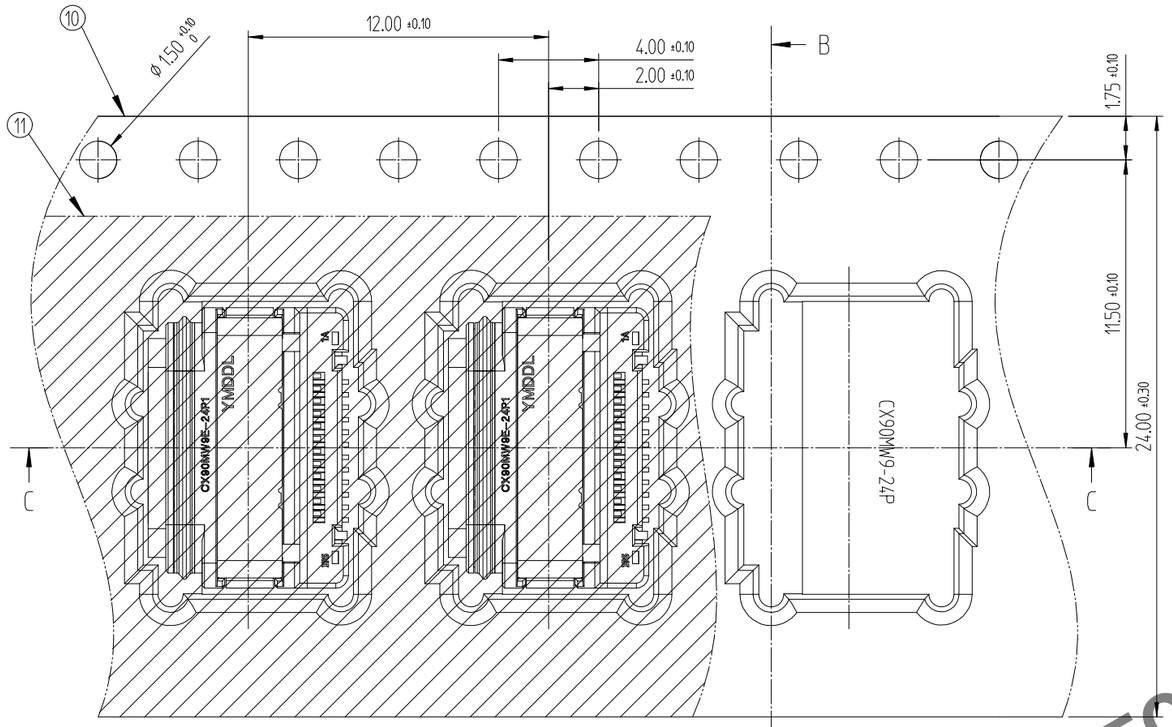
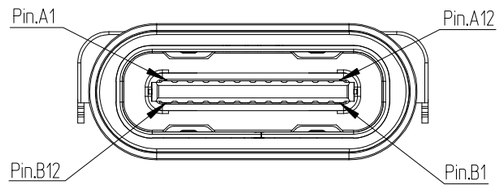
DRAWING FOR PACKING

DIRECTION OF UNREELING

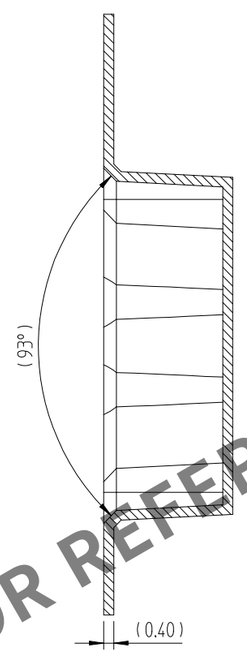


PIN ASSIGNMENT(FRONT-VIEW)

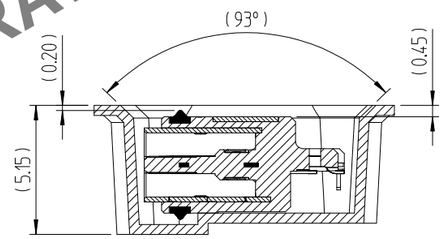


A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC1	D+	D-	SBU1	Vbus	RX2-	RX2+	GND
GND	RX1+	RX1-	Vbus	SBU2	D-	D+	CC2	Vbus	TX2-	TX2+	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

B-B

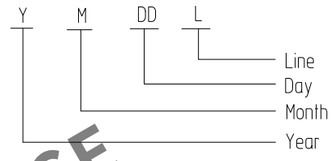


C-C



[NOTE]

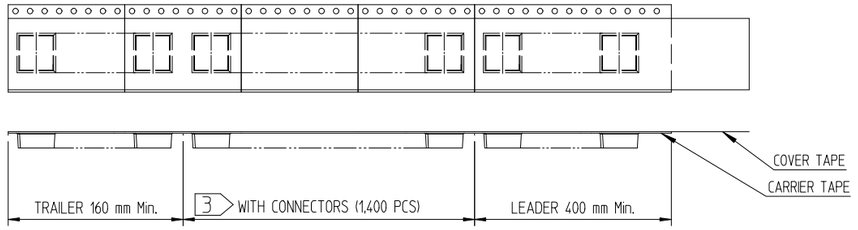
1. Co-planarity of contact leads.
   - 0.08max.before reflow, 0.10max.after reflow 2times and during reflow.
2. Lot marking : 5 digits (YMDDL)



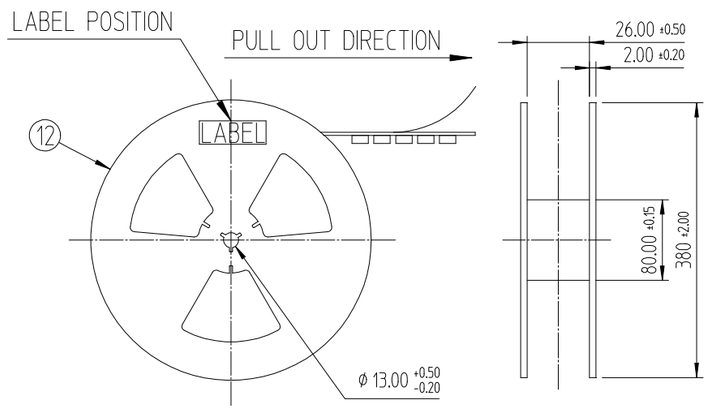
[Chart-1] LOT MARKING

Year		Month		Day		Production Line	
Ex.	Mark	Ex.	Mark	Ex.	Mark	Ex.	Mark
2020	0	Jan.	1	1st	01	Sample	S
2021	1	Feb.	2	2nd	02	MP Manual#1	1
2022	2	Mar.	3	3rd	03	MP Manual#2	2
2023	3	Apr.	4	4th	04	MP Manual#3	3
2024	4	May	5	5th	05	MP Manual#4	4
2025	5	Jun.	6	6th	06	···	···
2026	6	Jul.	7	7th	07	MP Auto#1	A
2027	7	Aug.	8	8th	08	MP Auto#2	B
2028	8	Sep.	9	9th	09	MP Auto#3	C
2029	9	Oct.	A	10th	10	MP Auto#4	D
		Nov.	B	11th	11	MP Auto#5	E
		Dec.	C	···	···	···	···

3. Carrier tape packing
   Packing quantity : 1,400EA/REEL
   Cover tape peeling force : 10~130gf(0.1~1.3N) @ 300mm/min



4. Pickup area
5. Appearance criteria : DOC250915-006



HRS DRAWING FOR REFERENCE

NO.	DESCRIPTIONS	MATERIAL	FINISH	REMARKS
12	REEL BOBBIN	PS	-	
11	COVER TAPE	PET	-	
10	EMBOSS TAPE	PS	Thermo-Comperssion Sealing	

SCALE 4:1
UNITS mm

DRAWING NO. EDC3-634516-00

PART NO. CX90MW9E-24P1

HRS HIROSE KOREA CO.,LTD.

CODE NO CL 6272-0002-6-000