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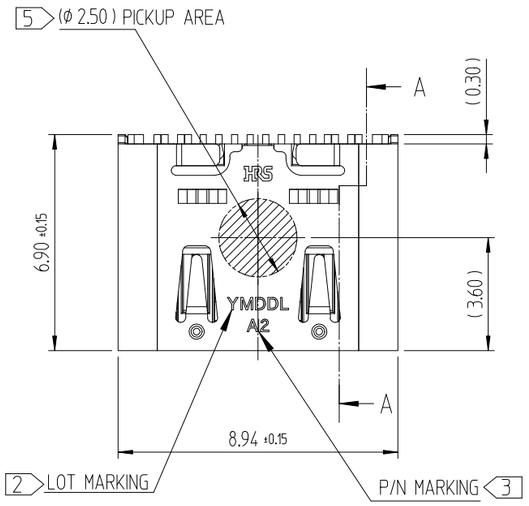
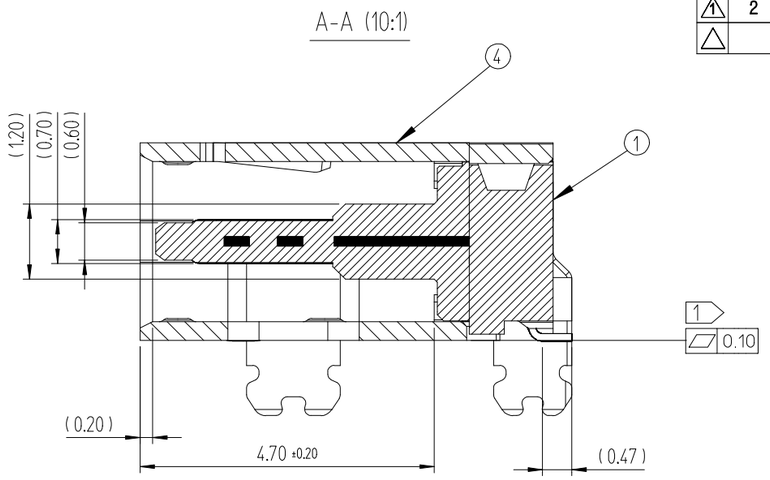
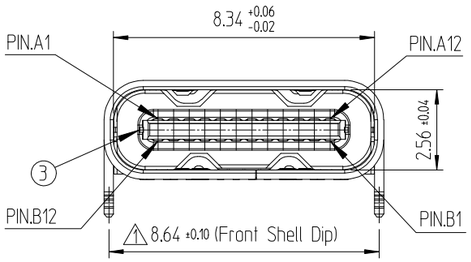
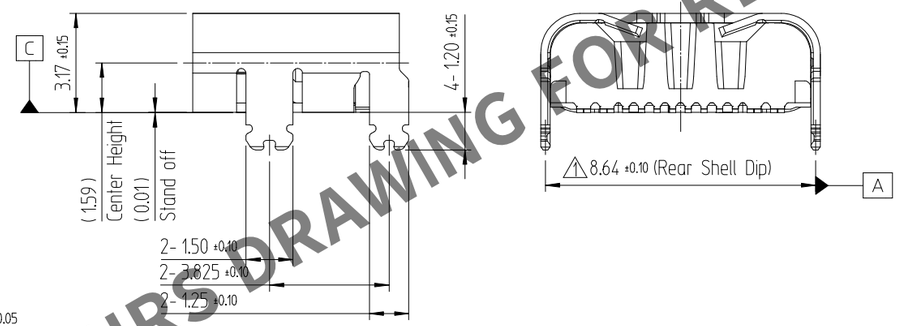
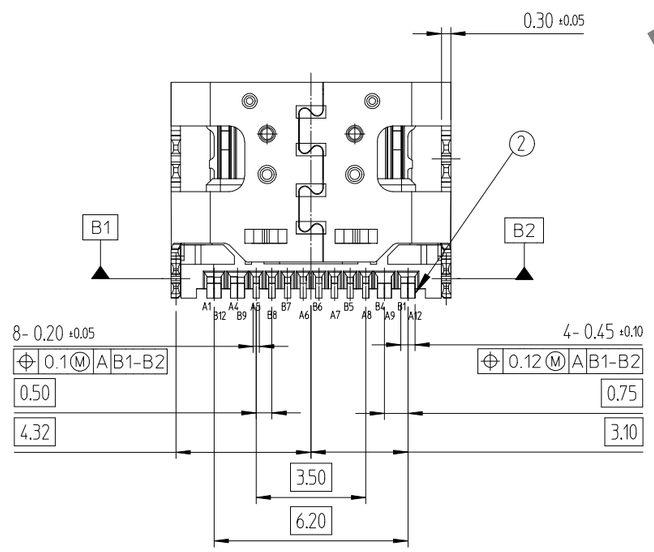
	△数 COUNT	訂正事項 DESCRIPTION OF REVISIONS	擔當 B Y	檢圖 CHKD	年月日 DATE		△数 COUNT	訂正事項 DESCRIPTION OF REVISIONS	擔當 B Y	檢圖 CHKD	年月日 DATE
0	-	Released(RE-2-2859)	OSW	LHJ	25. 09. 12	△					. .
1	2	EC(RE-2-2926)	OSW	LHJ	25. 10. 27	△					. .
△					. .	△					. .



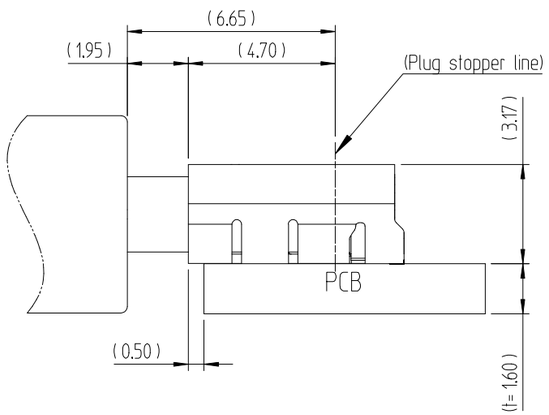




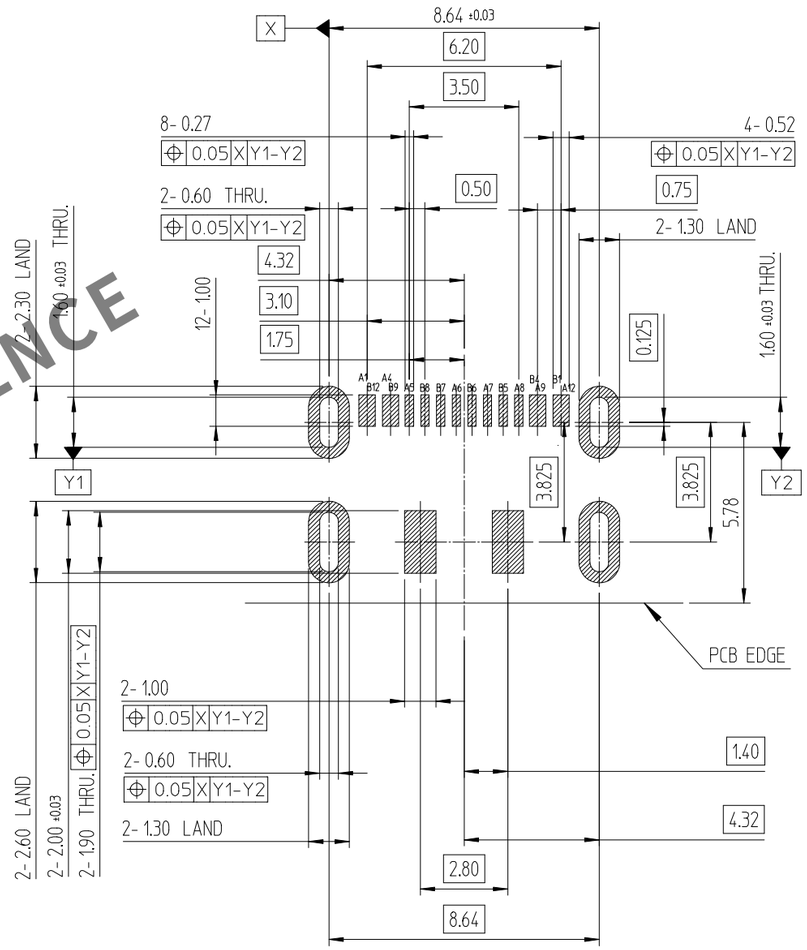




MATED CONDITION (REFERENCE)



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



HRS DRAWING FOR REFERENCE

NO.	DESCRIPTIONS	MATERIAL	FINISH	REMARKS
4	MAIN SHELL	STAINLESS STEEL	NICKEL PLATING	-
3	MID PLATE	STAINLESS STEEL	CLEANSING	-
2	CONTACT	COPPER ALLOY	CONTACT AREA : GOLD OVER NICKEL SOLDER AREA : GOLD OVER NICKEL	-
1	INSERT CASE	THERMOPLASTIC	BLACK COLOR	UL94V-0

CODE NO. (OLD)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	S.W.OH 25.09.12	Y.G.KIM 25.09.12	H.J.LEE 25.09.12	H.J.LEE 25.09.12	ENG 25.10.27 DEPT

SCALE 5:1 UNITS mm	DRAWING NO. EDC3-634599-00	PART NO. CX90B5A-16P2
	HRS HIROSE KOREA CO.,LTD.	CODE NO CL 6285-0004-8-000 1/2

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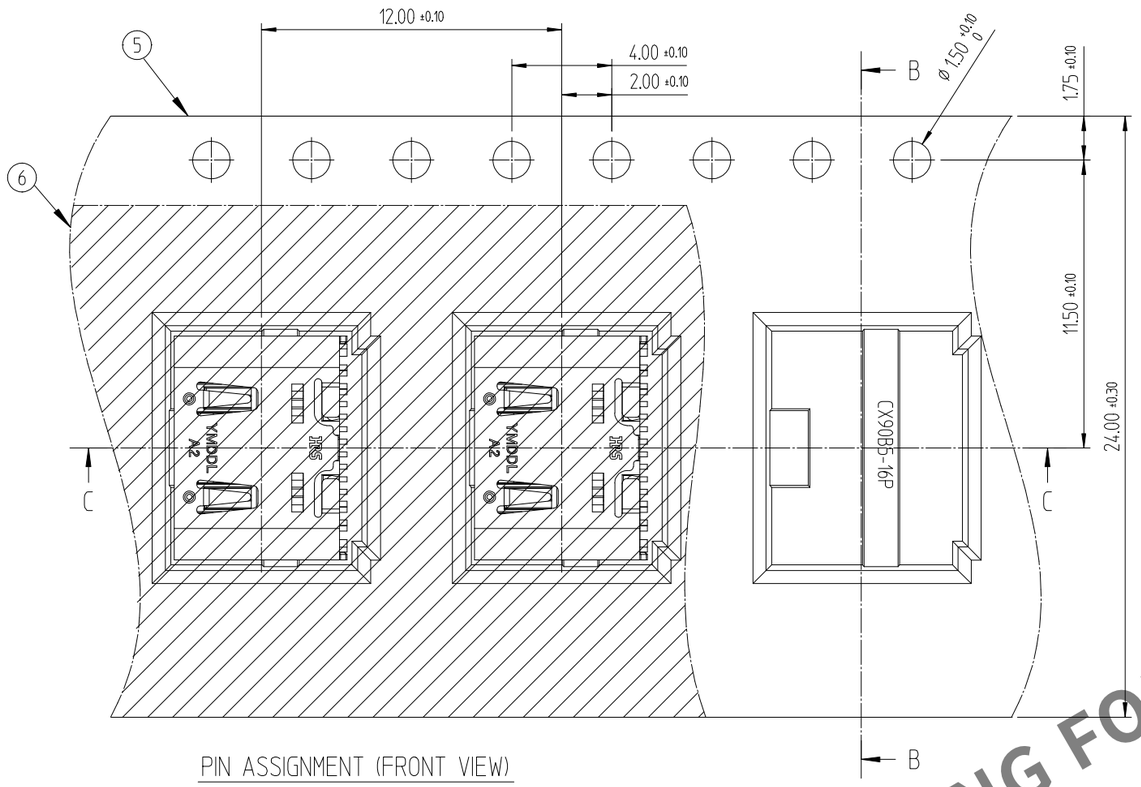
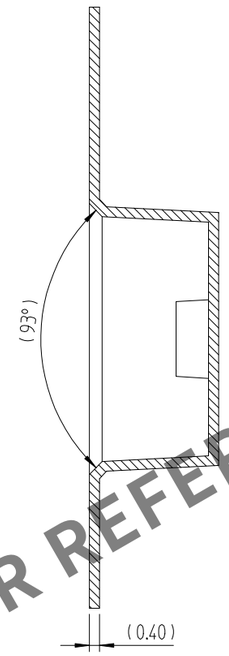
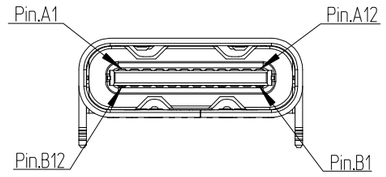
DRAWING FOR PACKING

DIRECTION OF UNREELING



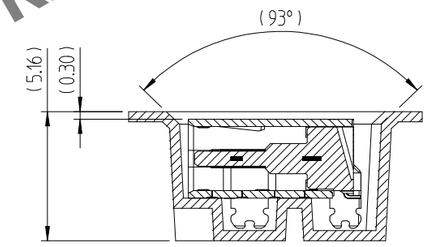


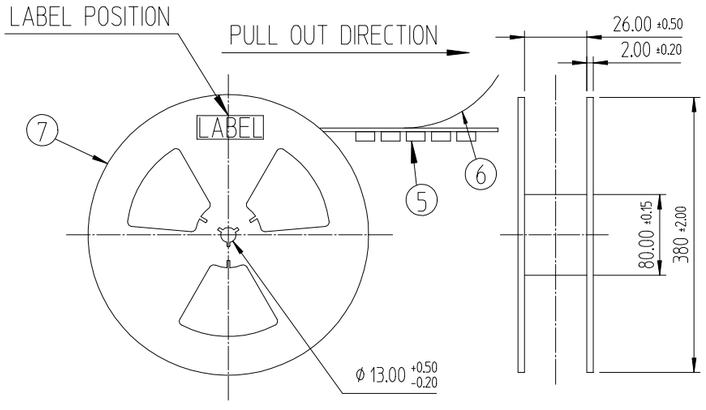
PIN ASSIGNMENT (FRONT VIEW)



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

C-C

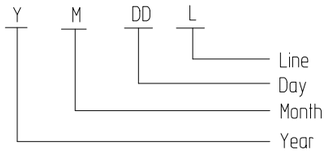




[NOTE]

1> Co-planarity of SMT solder tails : 0.1mm Max.

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	3th	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	···	···	···	···

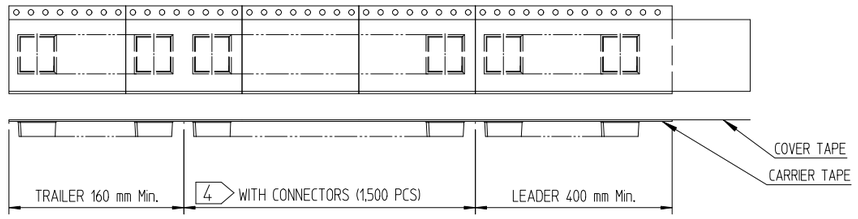
3> P/N Separation Marking :

P/N	Marking	Code No.	Description
CX90B5A-16P2	A2	CL 6285-0004-8-000	Shell dip 1.2mm, without Guide-post

4. Carrier tape packing

Packing quantity : 1,500EA/REEL

Cover tape peeling force : 10~130gf(0.1~1.3N) @ 300mm/min



5> Pick up area

6. Appearance Criteria : DOC250922-016

HRS DRAWING FOR REFERENCE

NO.	DESCRIPTIONS	MATERIAL	FINISH	REMARKS
7	REEL BOBBIN	PS	-	-
6	COVER TAPE	PET	-	-
5	EMBOSS TAPE	PS	Thermo-Comperssion Sealing	-

SCALE 4:1	DRAWING NO. EDC3-634599-00	PART NO. CX90B5A-16P2	
UNITS mm	HRS HIROSE KOREA CO.,LTD.	CODE NO CL 6285-0004-8-000	2/2