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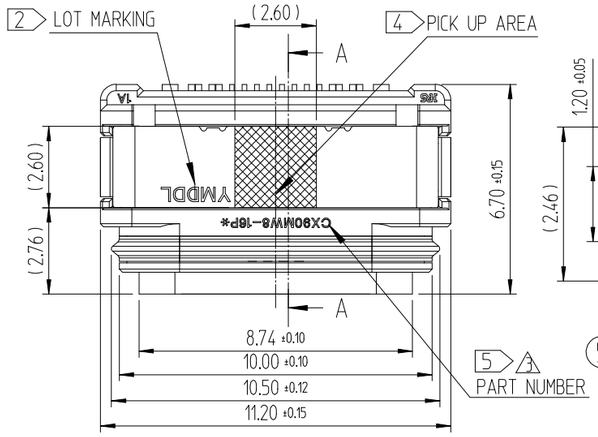
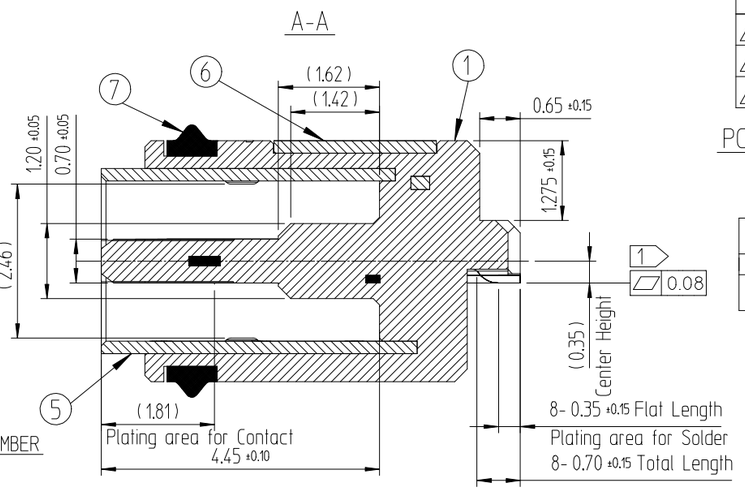
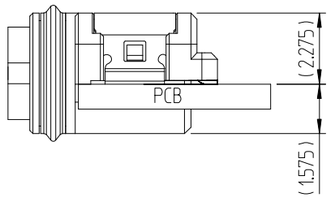
	△數 COUNT	訂正事項 DESCRIPTION OF REVISIONS	擔當 BY	檢圖 CHKD	年月日 DATE		△數 COUNT	訂正事項 DESCRIPTION OF REVISIONS	擔當 BY	檢圖 CHKD	年月日 DATE
5	2	Released(RE-2-2440)	KYG	LHJ	23. 10. 26	△					. .
6	-	EC(RE-2-2477)	KYG	LHJ	23. 12. 08	△					. .
△					. .	△					. .

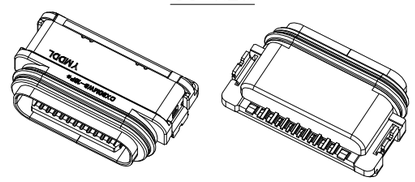




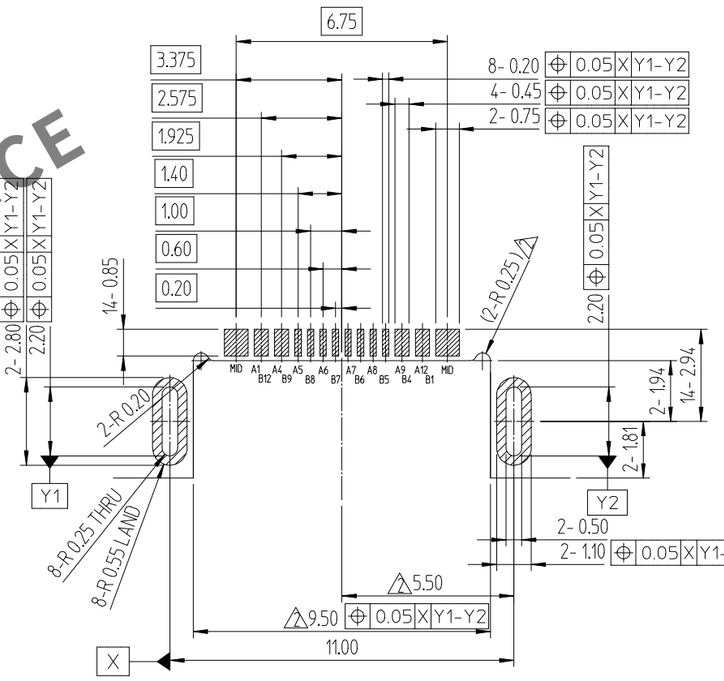
PCB MOUNTING POSITION

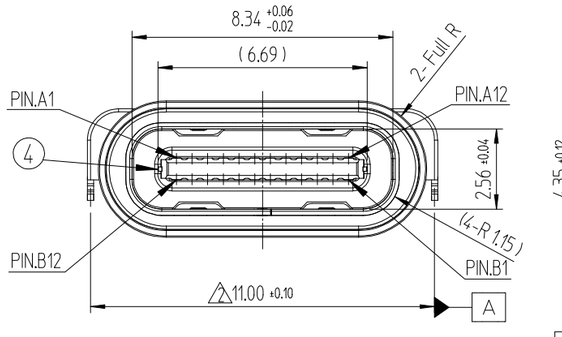


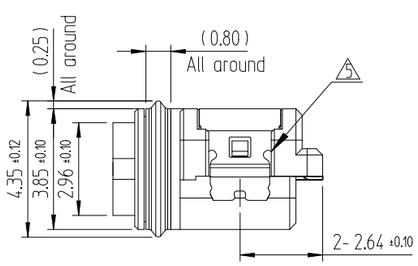
ISO-VIEW

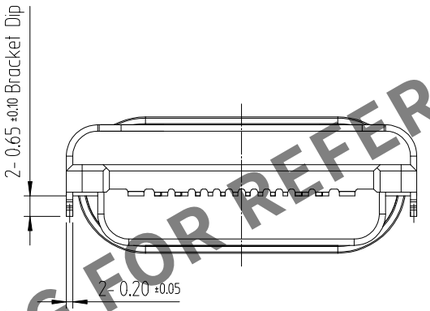


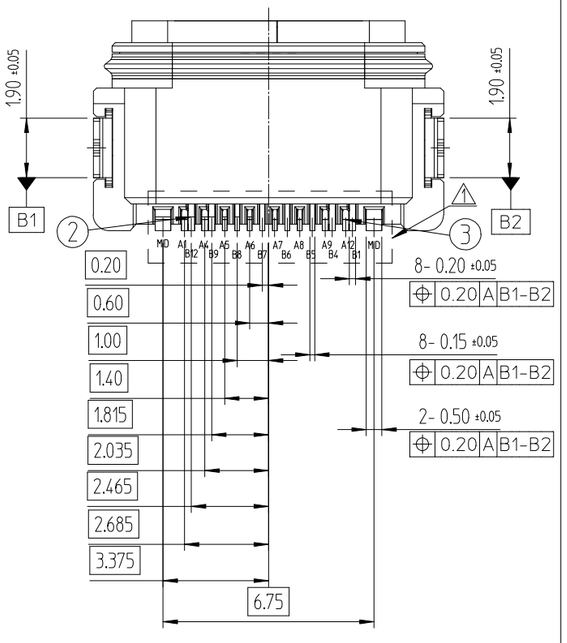
△RECOMMENDED PCB LAYOUT(TOP-VIEW)
(GENERAL TOLERANCE : ±0.05)



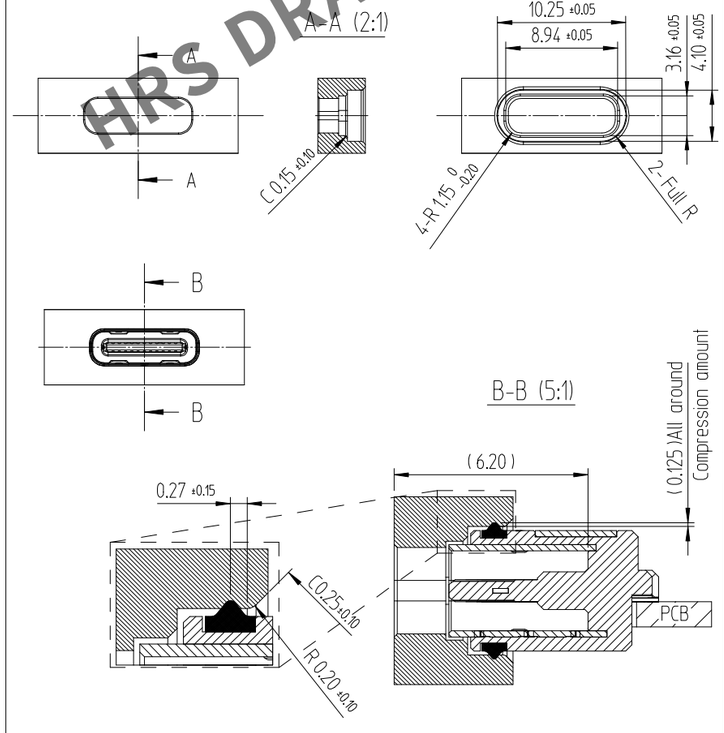








Recommended Set design (Reference)



HRS DRAWING FOR REFERENCE

NO.	DESCRIPTIONS	MATERIAL	FINISH	REMARKS
7	GASKET	SILICONE	GRAY COLOR	-
6	BRACKET	STAINLESS STEEL	NICKEL PLATING	-
5	SHELL	STAINLESS STEEL	CLENSING	-
4	MID PLATE	STAINLESS STEEL	SOLDER AREA : GOLD OVER NICKEL PLATING THE OTHER AREA : 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 22.06.20	Y.B.PARK 22.06.20	H.J.LEE 22.06.20	H.J.LEE 22.06.20	ENG 23.12.08 DEPT

SCALE 5:1 UNITS mm	DRAWING NO. EDC3-633692-00 HRS HIROSE KOREA CO.,LTD.	PART NO. CX90MW8-16P* ✱ CODE NO △5 CL ✱✱✱✱-✱✱✱✱-✱✱✱

1/2

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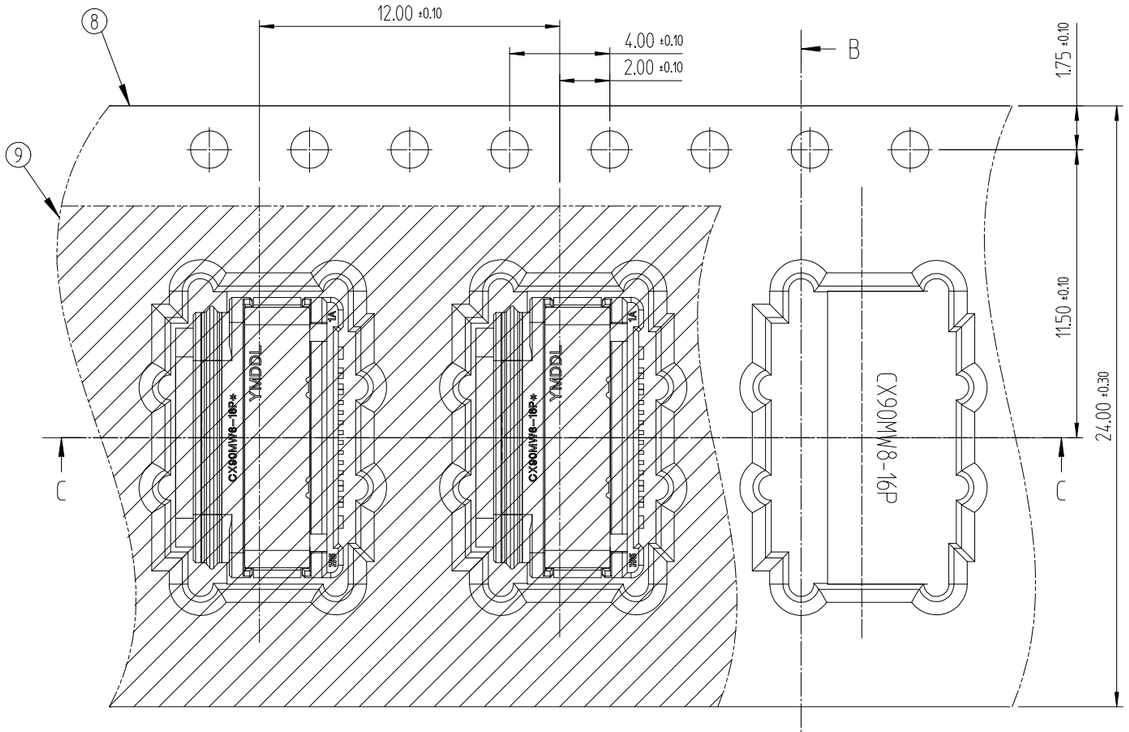
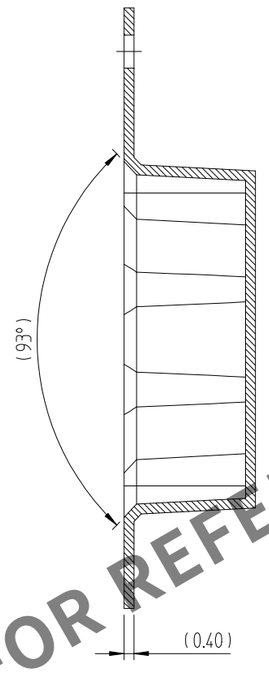
DRAWING FOR PACKING

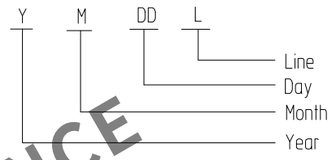
DIRECTION OF UNDREELING





[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)

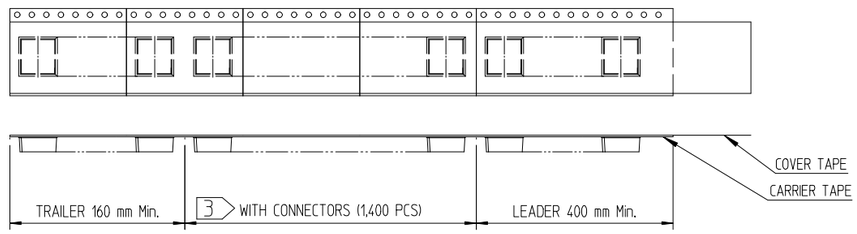


[Chart-1] LOT MARKING

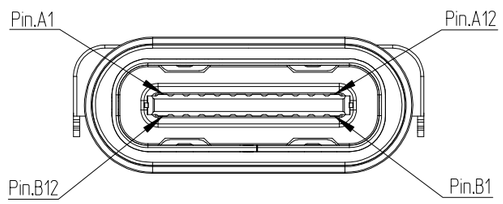
Year		Month		Day		Production Line	
Ex.	Mark	Ex.	Mark	Ex.	Mark	Ex.	MARK
2020	0	Jan.	1	1st	01	Sample	S
2021	1	Feb.	2	2nd	02	MP Manual#1	1
2022	2	Mar.	3	3th	03	MP Manual#2	2
2023	3	Apr.	4	4th	04	MP Manual#3	3
2024	4	May	5	5th	05	MP Manual#4	4
2025	5	Jun.	6	6th	06	···	···
2026	6	Jul.	7	7th	07	MP Auto#1	A
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	···	···	···	···

HRS DRAWING FOR REFERENCE

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

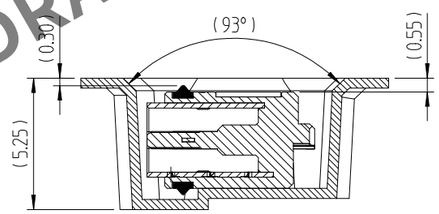


PIN ASSIGNMENT(FRONT-VIEW)



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



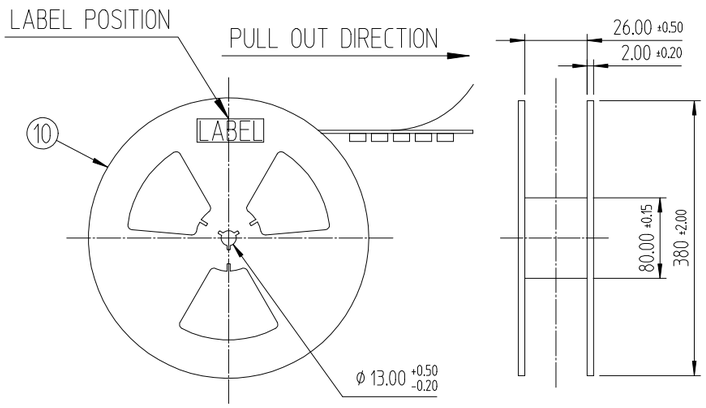
4 Pickup area

△4△3 5 Series P/N Marking

No.	P/N	Marking	Code No.	Description
1	CX90MW8-16P	CX90MW8-16P	CL 6249-0009-8-000	IP54, Air leak Full-inspection
2	CX90MW8-16P1	CX90MW8-16P1	CL 6249-0013-5-000	IP68, Air leak Full-inspection

LABEL POSITION

PULL OUT DIRECTION



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

SCALE 5:1
UNITS mm

DRAWING NO. EDC3-633692-00

PART NO. CX90MW8-16P*

HRS HIROSE KOREA CO.,LTD.

CODE NO △5 CL ****-****-***