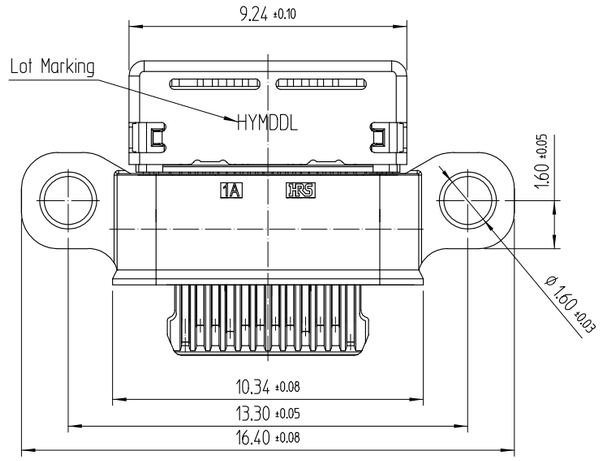
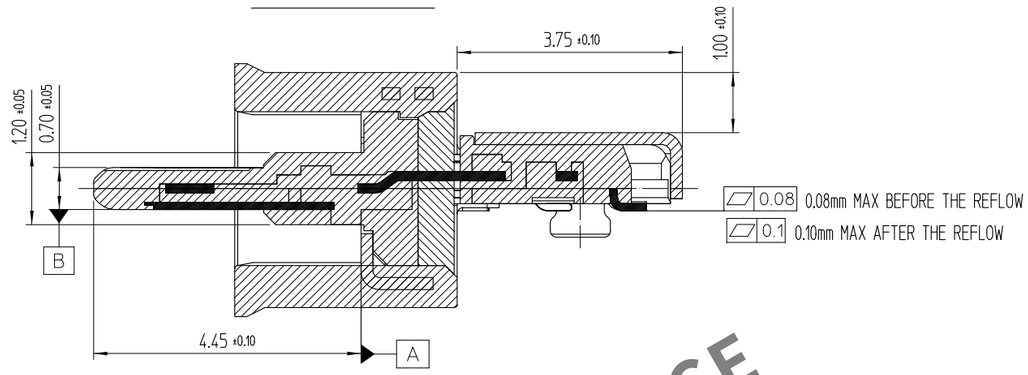
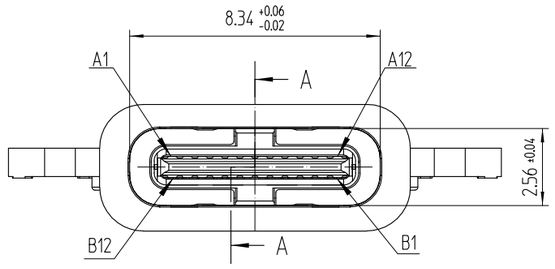
Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

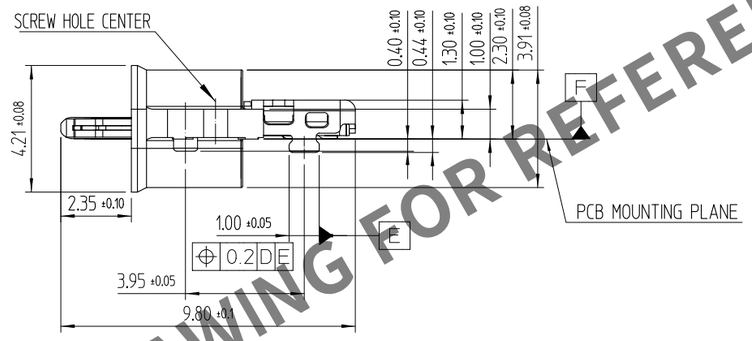
改正 REV.	變更履歷 NO. ECA NO.	訂正事項 DESCRIPTION OF REVISIONS	擔當 B Y	檢圖 CHKD	年月日 DATE	改正 REV.	變更履歷 NO. ECA NO.	訂正事項 DESCRIPTION OF REVISIONS	擔當 B Y	檢圖 CHKD	年月日 DATE
△					. .	△					. .
△					. .	△					. .
△					. .	△					. .

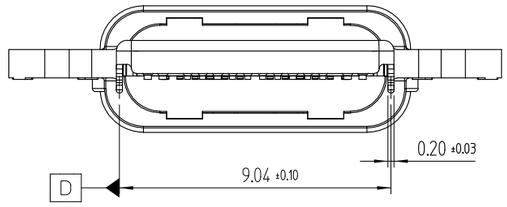


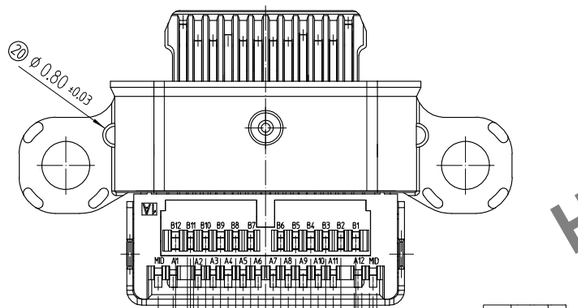
Section A-A(10:1)

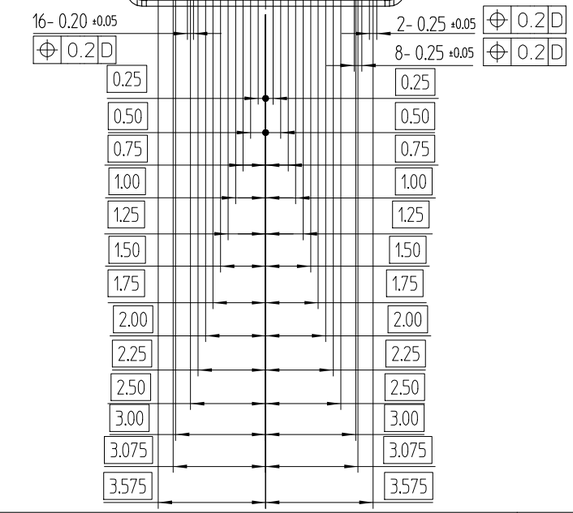


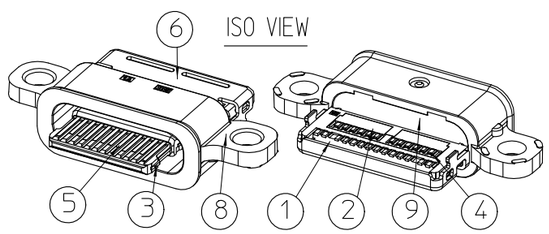












NOTE 1 LEAD CO-PLANARITY SHALL BE 0.08 MAX
2 PIN ASSIGNMENT
3 PACKING QUANTITY : 1000 PCS/REEL

2 PIN ASSIGNMENT (FRONT-VIEW)

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

NO.	PART NAME	MATERIAL	REMARKS
9	GLUE	EPOXY	Black Color
8	SLEEVE	PA4T F11	UL94V-0 / Black / CTI : 600 (0 Grade)
7	INNER SHELL	SUS301 H	CLEANSING
6	SUB SHELL	SUS316L	Over all: 1.25 μm min. Ni underplated
5	CONTACT 2nd	EFTEC-550E	Over all : 2.0μm~7.6μm Ni underplated Contact area : 0.76μm min. Au plated (Gold flash all over of contact including side and bottom side) Solder tail : 0.076~0.20 μm Au Plated
4	CONTACT 1ST	EFTEC-550E	
3	MID PLATE	SUS301 H	Over all: 1.25 μm min. Ni underplated
2	INSERT MOLD 2ND	PA46 HFX31S	UL94V-0 / Black / CTI : 525 (1 Grade)
1	INSERT MOLD 1ST	PA46 HFX31S	UL94V-0 / Black / CTI : 525 (1 Grade)

HUAWEI CODE NO. (HUAWEI PART NO.)	DRAWN	DESIGNED	CHECKED	APPROVED	RELEASED
	Y.B.PARK 19.01.16	Y.B.PARK 19.01.16	H.J.LEE 19.01.16	H.J.LEE 19.01.16	ENG 19.07.23 DEPT

TITLE: IP53 Type-C Receptacle

SCALE 5:1 | UNITS mm

DRAWING NO. EDC3-632573

PART NO. CX90MWP1-24P

HIROSE KOREA CO.,LTD.

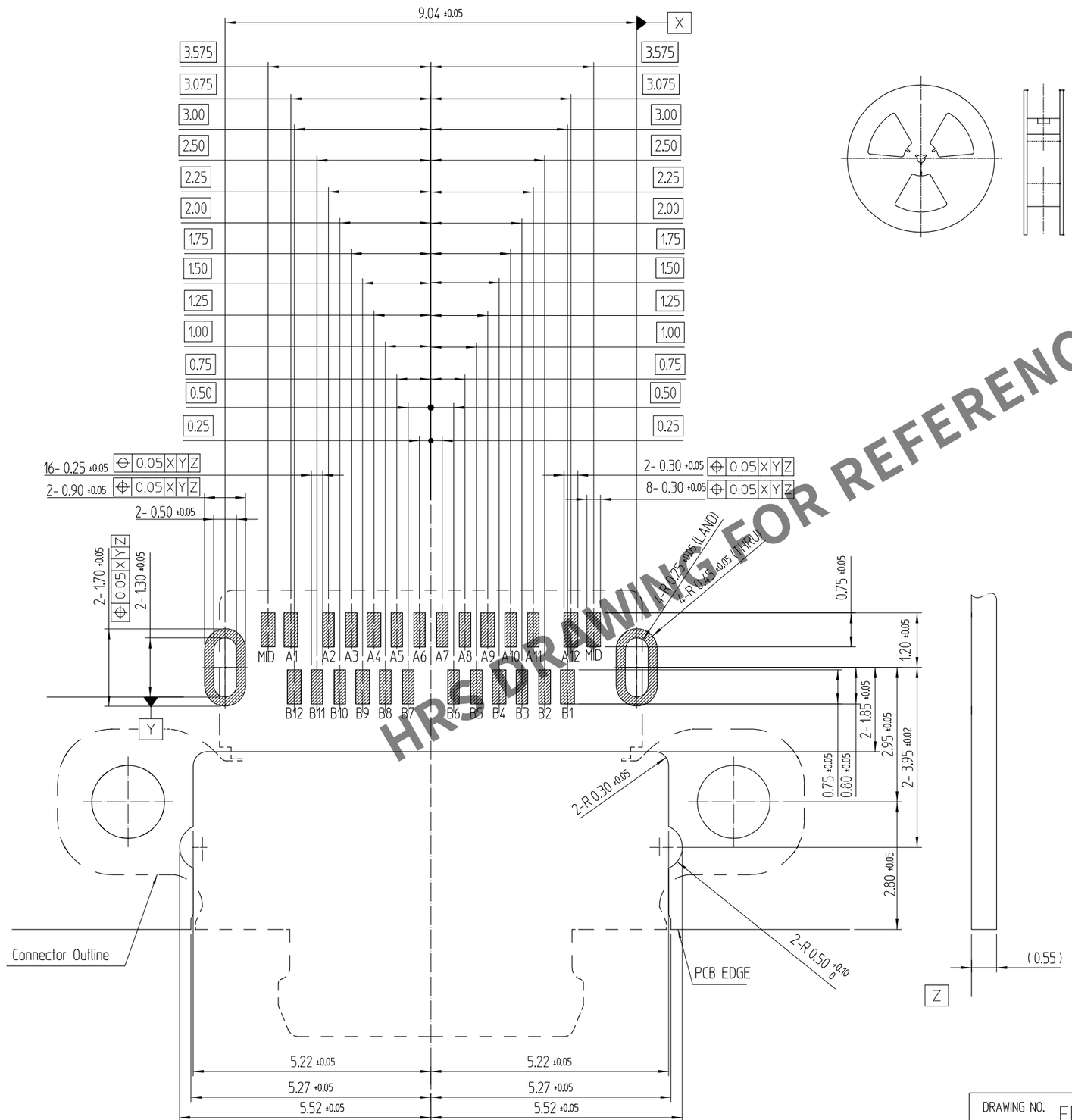
CODE NO. CL 6240-0019-4-000

1/3

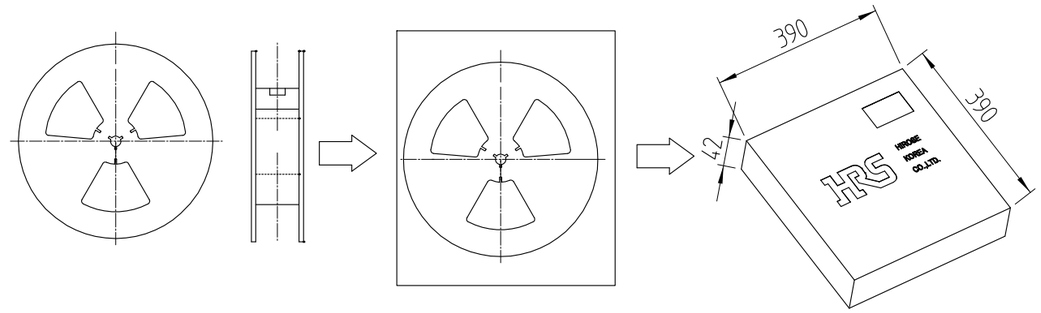
HRS DRAWING FOR REFERENCE

Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

RECOMMENDED PCB LAY OUT (TOP-VIEW)



PACKING STEP(SCALE FREE)



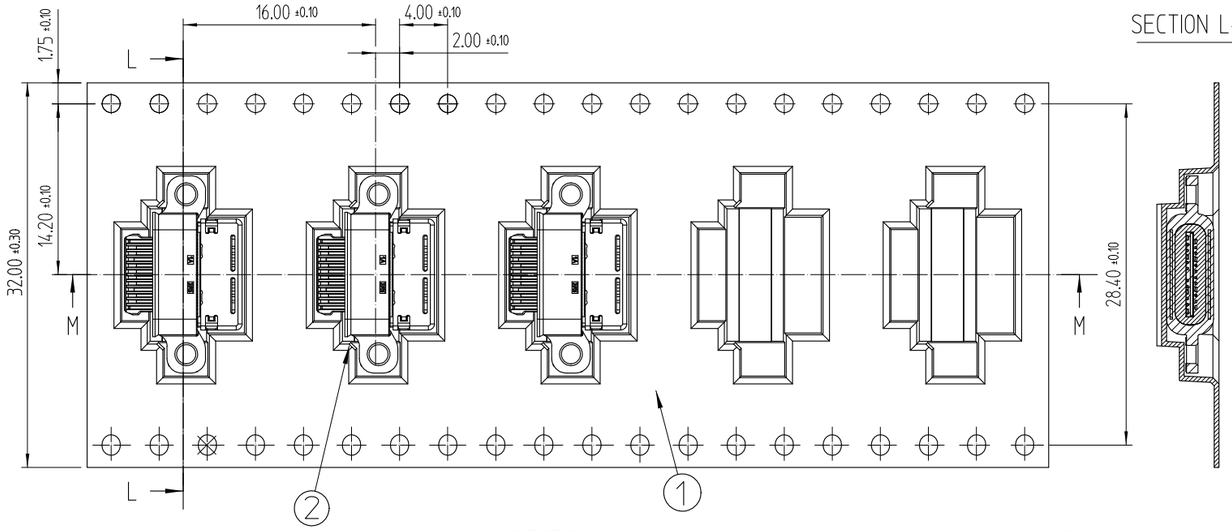
HRS DRAWING FOR REFERENCE

DRAWING NO. EDC3-632573	PART NO. CX90MWP1-24P
HRS HIROSE KOREA CO.,LTD.	CODE NO. CL 6240-0019-4-000

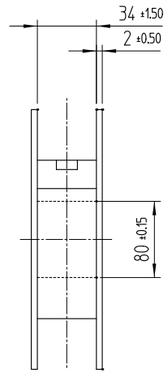
Apr.1.2024 Copyright 2024 HIROSE ELECTRIC CO., LTD. All Rights Reserved.
In case of consideration for using Automotive equipment / device which demand high reliability, kindly contact our sales window correspondents.

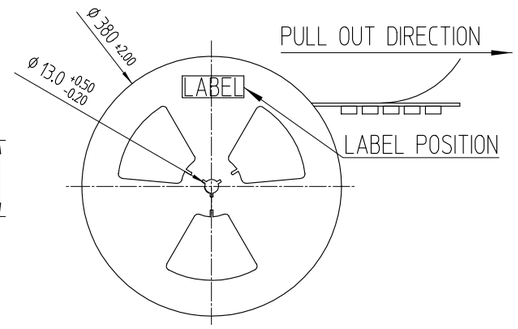
DRAWING FOR PACKING

DIRECTION OF UNREELING

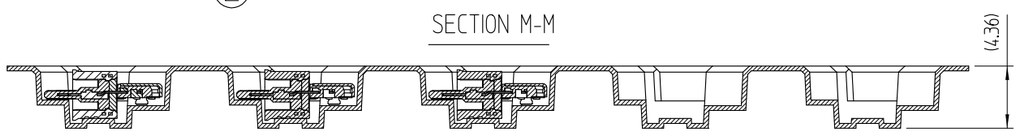


SECTION L-L



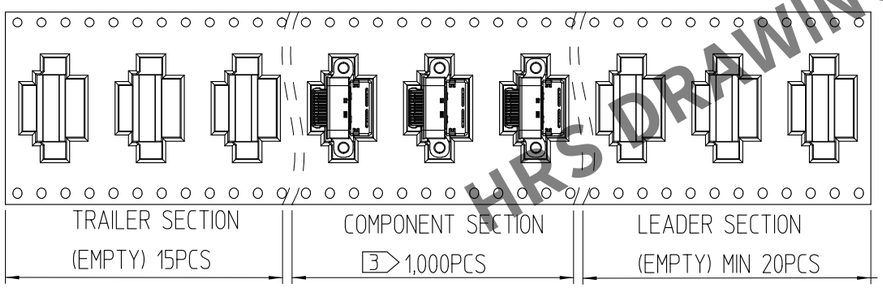


SECTION M-M

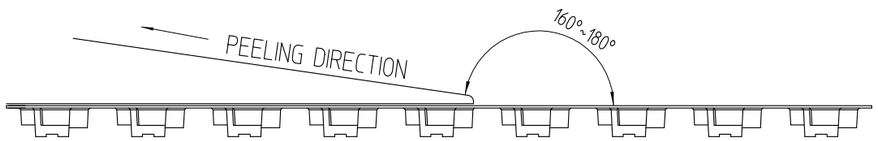


HRS DRAWING FOR REFERENCE

USE DIRECTION OF FEEDING



TAKING OUT DIRECTION



NO.	PART	MATERIAL
2	(CONNECTOR)	
1	EMBOSS CARRIER TAPE	PS

DRAWING NO. EDC3-632573	PART NO. CX90MWP1-24P
HRS HIROSE KOREA CO.,LTD.	CODE NO. CL 6240-0019-4-000