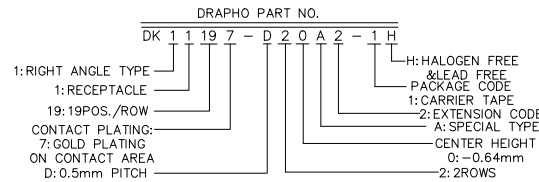
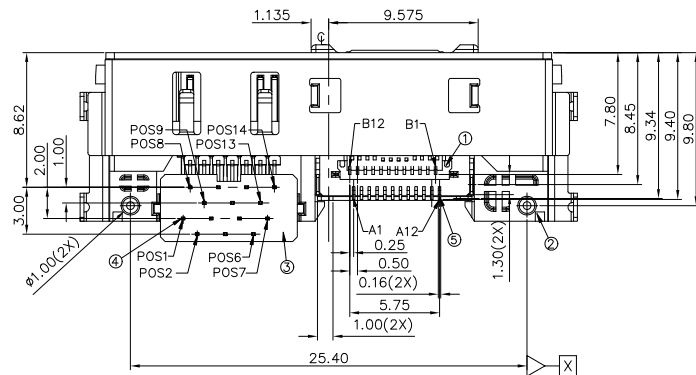
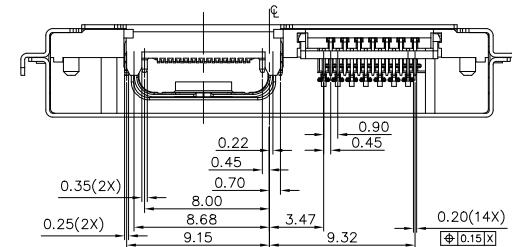
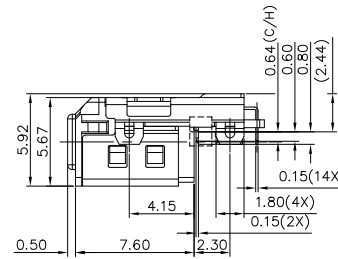
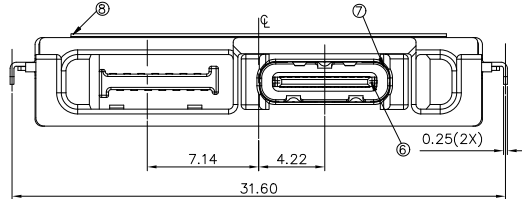
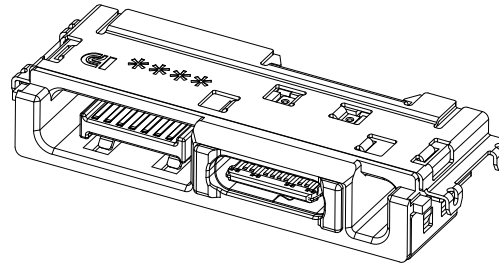
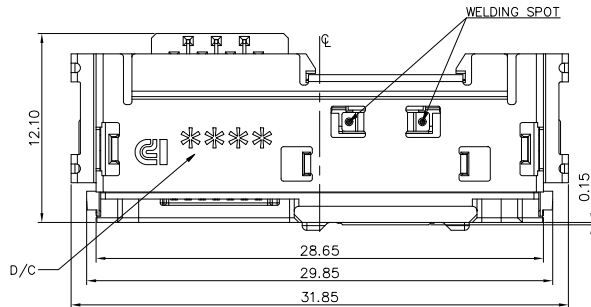


REV.	ECN. NO.	APPD.
A	ECN170321010	Tommy
B	ECN170630002	Tommy
C	ECN170906040	Darren
D	ECN200421003	River Yao

- NOTES:
- 1.MATERIAL: SEE TABLE.
 - 2.ELECTRICAL PERFORMANCES:
 - 2-1.VOLTAGE RATING: 20V DC MAX.
 - 2-2.CURRENT RATING:
 - 0.5A MAX. PER SIGNAL.
 - 1.25A MAX. PER VBUS AND GND PIN.
 - 2-3.LOW LEVEL CONTACT RESISTANCE:
 - TYPE C: 40mΩ MAX. FOR VBUS,GND AND OTHE CONTACTS.
 - 50mΩ MAX. FINAL AFTER TEST PER SIGNAL CONTACTS.
 - DOCKING: SIGNAL CONTACT 120mΩ MAX. INITIAL; ΔR=30mΩ MAX. FINAL.
 - 2-4.INSULATION RESISTANCE: 500 MΩ MIN.
 - 2-5.DIELECTRIC WITHSTANDING VOLTAGE:
 - SUBJECT A VOLTAGE OF 100V AC FOR 1 MINUTE BETWEEN ADJACENT CONTACTS;
 - 3.MECHANICAL PERFORMANCES:
 - 3-1.FOR TYPE C, MATING AND UNMATING FORCE IS 0.3~1.5Kgf.
 - 3-2.FOR DOCKING, MATING AND UNMATING FORCE IS 0.5~2.0Kgf.
 - 3-3.FOR DOCKING WITH TYPE C, MATING AND UNMATING FORCE IS 0.5~2.5Kgf.
 - 3-4.FOR RJ DONGLE, MATING FORCE IS 3.0Kgf MAX. UNMATING FORCE IS 0.3Kgf MIN.
 - 3-5.DURABILITY: 10000 CYCLES.
 - 4.G.P PASSED ACCORD WITH RoHS STANDARD.
 - 5.LENOVO P/N IS "DADOCKTX-06404"

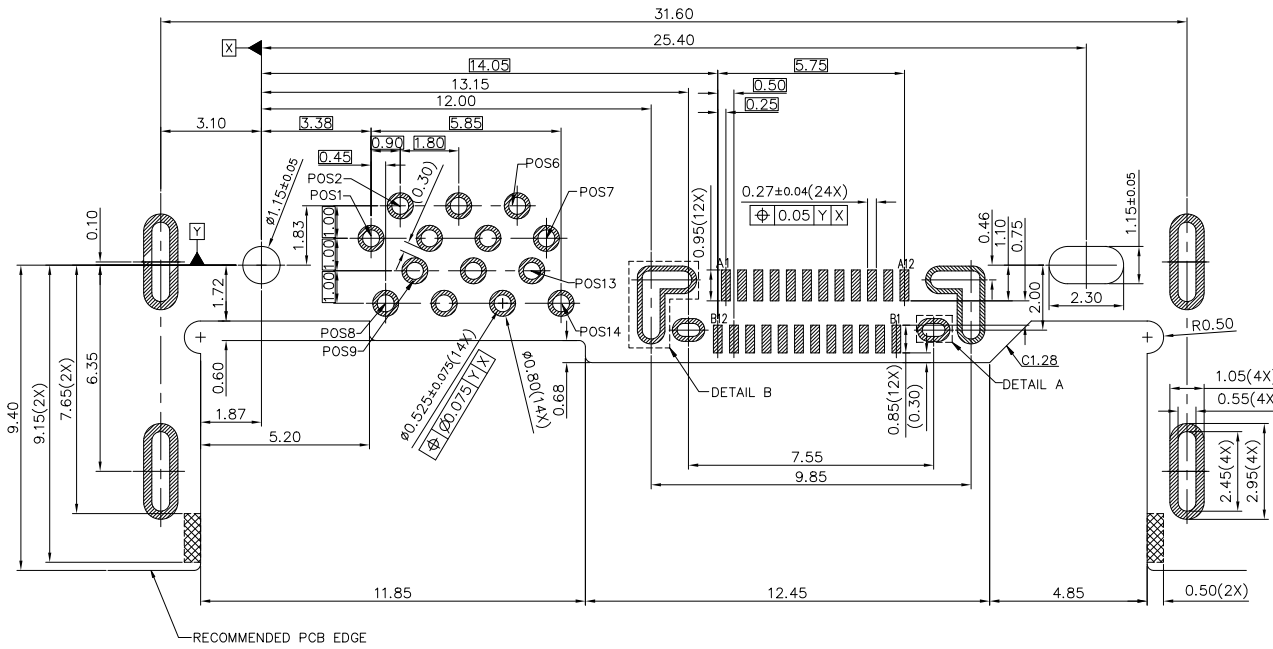


ITEM	DESCRIPTION	MATERIAL	FINISH	REMARK
⑧	SHELL2			
⑦	SHELL1	STAINLESS STEEL		50μ" MIN. BLACK NICKEL UNDER PLATED OVER ALL.
⑥	GND BLADE			50μ" MIN. NICKEL UNDER PLATED OVER ALL.
⑤	CONTACT2	COPPER ALLOY		120μ" MIN. GOLD PLATING ON CONTACT AREA. GOLD FLASH ON SMT SOLDER AREA. 80μ" MIN. Sn ON T/H SOLDER AREA. 80μ" MIN. NICKEL UNDER PLATED OVER ALL.
④	CONTACT1			
③	SPACER			
②	HOUSING	HIGHTEMP--PLASTIC		UL94V--0,COLOR:BLACK
①	I/M			

UNITS:	GENERAL TOLERANCE	APPROVED:	PART NO.:
mm		River Yao	DK11197-D20A2-1H
DATE:	X. ±0.30	CHECKED:	TITLE: CUSTOMER DRAWING
04/21'20	.X ±0.25	Wes Wu	FOR -0.64C/H CS18 DOCKING
SCALE:	.XX ±0.20	DRAWING:	DRAWING NO.:
N/A	.XX ±0.20	Alpenglow Zhao	820-0000-0514
SHEET:	MATERIAL:	QTY	
1/3	N/A	N/A	Highstar
REV. D	FINISH:		Drapho ELECTRONICS TECHNOLOGY CO., LTD
	N/A		

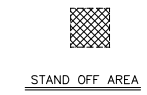


HF
RoHS



RJ DONGLE PIN DEFINE	
PIN#	SIGNAL NAME
1	MDI_2N
2	MDI_2P
3	-LINK_LED
4	LED_PWR
5	-ACT_LED
6	MDI_1N
7	MDI_1P
8	MDI_3N
9	MDI_3P
10	GND
11	-PWRSWITCH
12	-DOCK_RJ45_DET
13	MDI_ON
14	MDI_OP

RJ DONGLE PIN ASSIGNMENT



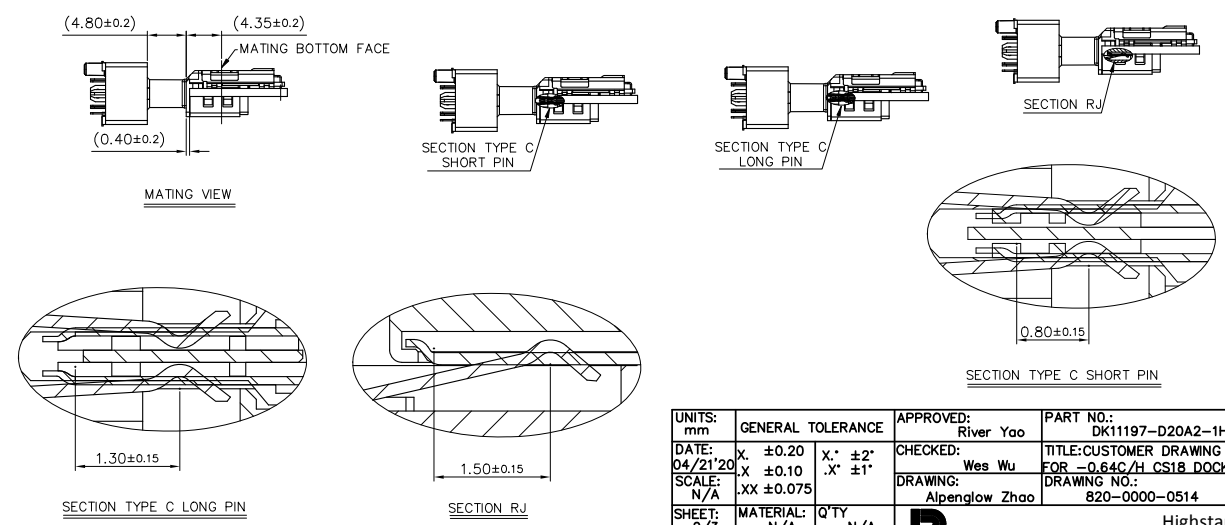
STAND OFF AREA

REMARK: POS1&POS2, POS6&POS7, POS8&POS9, POS13&POS14 ARE PAIR PINS.

RECOMMENDED PCB LAYOUT
PCB THICKNESS 1.0±0.05mm

PIN	SIGNAL	DESCRIPTION	MATING SEQUENCE	DESCRIPTION	SIGNAL	PIN
A1	GND (20V 5A)	GROUND RETURN	FIRST	GROUND RETURN	POWER GND(5A)	B12
A2	SSTXP1	POSITIVE HALF OF FIRST SUPERSPEED TX DIFFERENTIAL PAIR	SECOND	POSITIVE HALF OF FIRST SUPERSPEED RX DIFFERENTIAL PAIR	SSRXP1	B11
A3	SSTXN1	NEGATIVE HALF OF FIRST SUPERSPEED TX DIFFERENTIAL PAIR	SECOND	NEGATIVE HALF OF FIRST SUPERSPEED RX DIFFERENTIAL PAIR	SSRXN1	B10
A4	VBUS	BUS POWER	FIRST	BUS POWER	VBUS	B9
A5	CC1	CONFIGURATION CHANNEL	SECOND	SIDEBAND USE(SBU)	SBU2	B8
A6	DP1	POSITIVE HALF OF THE USB2.0 DIFFERENTIAL PAIR-POSITION 1	SECOND	NEGATIVE HALF OF THE USB2.0 DIFFERENTIAL PAIR-POSITION 2	DN2	B7
A7	DN1	NEGATIVE HALF OF THE USB2.0 DIFFERENTIAL PAIR-POSITION 1	SECOND	POSITIVE HALF OF THE USB2.0 DIFFERENTIAL PAIR-POSITION 2	DP2	B6
A8	SBU1	SIDEBAND USE(SBU)	SECOND	CONFIGURATION CHANNEL	CC2	B5
A9	VBUS	BUS POWER	FIRST	BUS POWER	VBUS	B4
A10	SSRXN2	NEGATIVE HALF OF SECOND SUPERSPEED RX DIFFERENTIAL PAIR	SECOND	POSITIVE HALF OF SECOND SUPERSPEED TX DIFFERENTIAL PAIR	SSTXN2	B3
A11	SSRXP2	POSITIVE HALF OF SECOND SUPERSPEED RX DIFFERENTIAL PAIR	SECOND	NEGATIVE HALF OF SECOND SUPERSPEED TX DIFFERENTIAL PAIR	SSTXP2	B2
A12	GND	GROUND RETURN	FIRST	GROUND RETURN	GND	B1

USB TYPE C PIN ASSIGNMENT



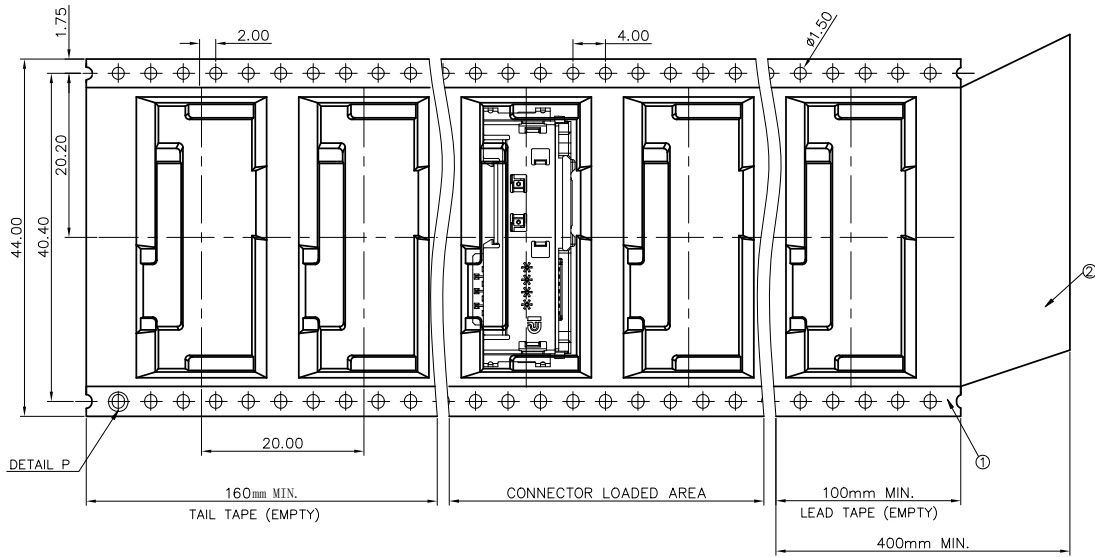
SECTION TYPE C LONG PIN

SECTION RJ

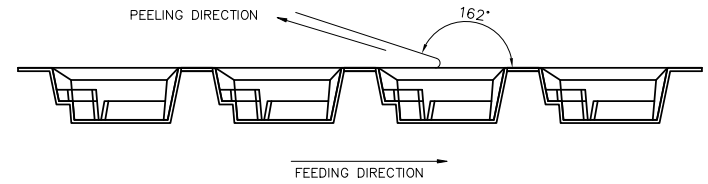
PIN ASSIGNMENT IN THIS LIST IS REFERENCE FOR THE CONNECTOR MOUNT FROM BOTTOM SIDE. IF THE CONNECTOR MOUNT FROM TOP SIDE, THE PIN ASSIGNMENT SHOULD REPLACE A1-A12 AND B12-B1

UNITS: mm	GENERAL TOLERANCE	APPROVED: River Yao	PART NO.: DK11197-D20A2-1H
DATE: 04/21/20	X: ±0.20 X: ±0.10 XX ±0.075	CHECKED: Wes Wu	TITLE: CUSTOMER DRAWING FOR -0.64C/H CS18 DOCKING
SHEET: 2/3	MATERIAL: N/A	DRAWING: Alpenglow Zhao	DRAWING NO.: 820-0000-0514
REV. D	FINISH: N/A	Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD	

REV.	ECN. NO.	APPD.

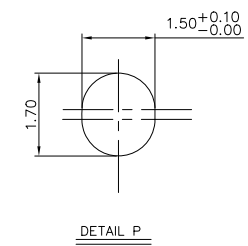
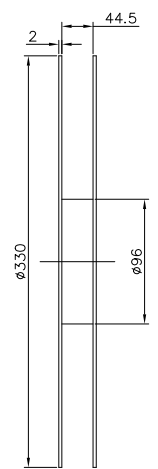
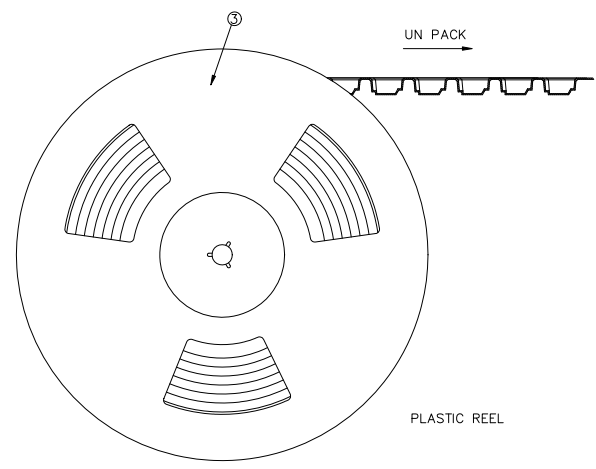


NOTES:
 1.10 PITCHES CUMULATIVES TOLERANCE ON TAPE IS +/-0.20mm;
 2.COVER TAPE PEELING STRENGTH :0.13Kgf MAX. AT 300mm/MINUTE;



3.PACKAGING CAPACITY:

P/N	PCS/REEL	REEL/BOX	PCS/BOX
DK11197-D20A2-1H	400	3	1200



③	REEL	POLYSTYRENE
②	COVER TAPE	POLYSTER
①	CARRIER TAPE	POLYSTYRENE
ITEM	DESCRIPTION	MATERIAL

UNITS: mm	GENERAL TOLERANCE	APPROVED: River Yao	PART NO.: DK11197-D20A2-1H
DATE: 04/21'20	X: ±0.20 X': ±2'	CHECKED: Wes Wu	TITLE: CUSTOMER DRAWING
SCALE: N/A	.X ±0.10 .XX ±0.075	DRAWING: Alpenglow Zhao	FOR -0.64C/H CS18 DOCKING
SHEET: 3/3	MATERIAL: N/A	Q'TY: N/A	DRAWING NO.: 820-000-0514
REV. D	FINISH: N/A	Highstar	Drapho ELECTRONICS TECHNOLOGY CO., LTD

