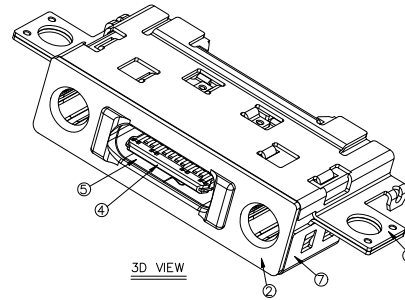
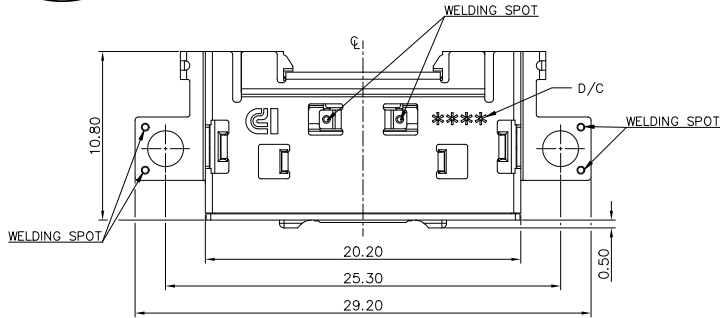
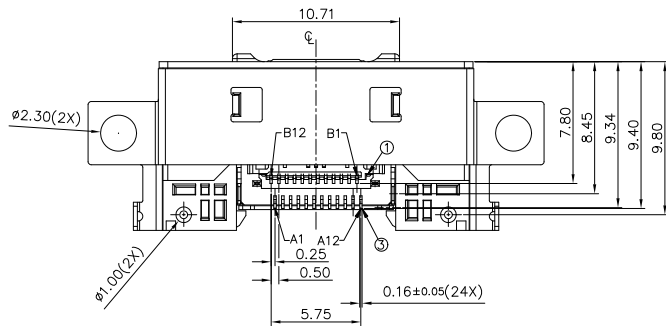
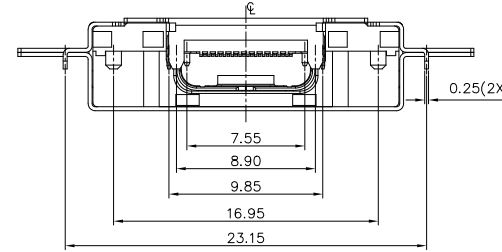
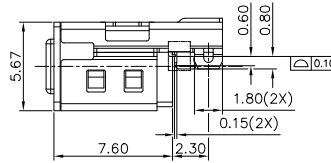
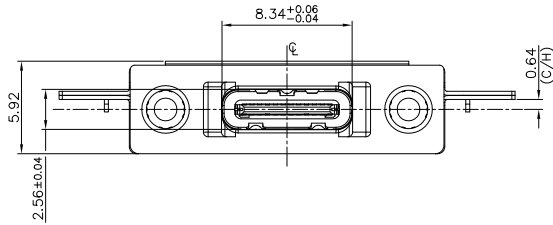


REV.	ECN. NO.	APPD.
A	ECN200604013	River
B	ECN200822004	Mike Wu
C	ECN201013001	Mike Wu

RoHS HF



NOTES:
 1. DIMENSIONS SHALL BE INTERPRETED PER ASME Y14.5M-1994.
 2. MATERIAL: SEE TABLE.
 3. ELECTRICAL PERFORMANCES:
 3-1.VOLTAGE RATING: 25V DC MAX.
 3-2.CURRENT RATING:
 0.5A MAX. PER SIGNAL,
 1.25A MAX. PER VBUS AND GND PIN.
 3-3.LOW LEVEL CONTACT RESISTANCE:
 40mΩ MAX. FOR VBUS,GND AND OTHER CONTACTS,
 50mΩ MAX. FINAL AFTER TEST.
 3-4.INSULATION RESISTANCE: 500 MΩ MIN.
 3-5.DIELECTRIC WITHSTANDING VOLTAGE:
 SUBJECT A VOLTAGE OF 100V AC FOR 1
 MINUTE BETWEEN ADJACENT CONTACTS;
 4. MECHANICAL PERFORMANCES:
 4-1.MATING AND UNMATING FORCE IS 0.5~4.0Kgf.
 4-2.DURABILITY: 10000 CYCLES.
 5. HARMFUL MATERIAL MEET THE REQUIRMENTS OF DRAPHO'S
 STANDARD DOCUMENT "DQSP2014".
 6. PLEASE CONTACT DRAPHO SALES REPRESENTATIVE TO VERIFY
 PRODUCT DETAILS & AVAILABILITY.
 Δ D/C:LASER MARKING X X X X X X
 YEAR MONTH LINE DATE

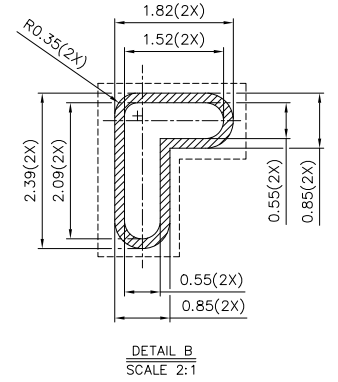
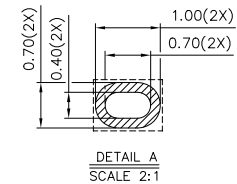
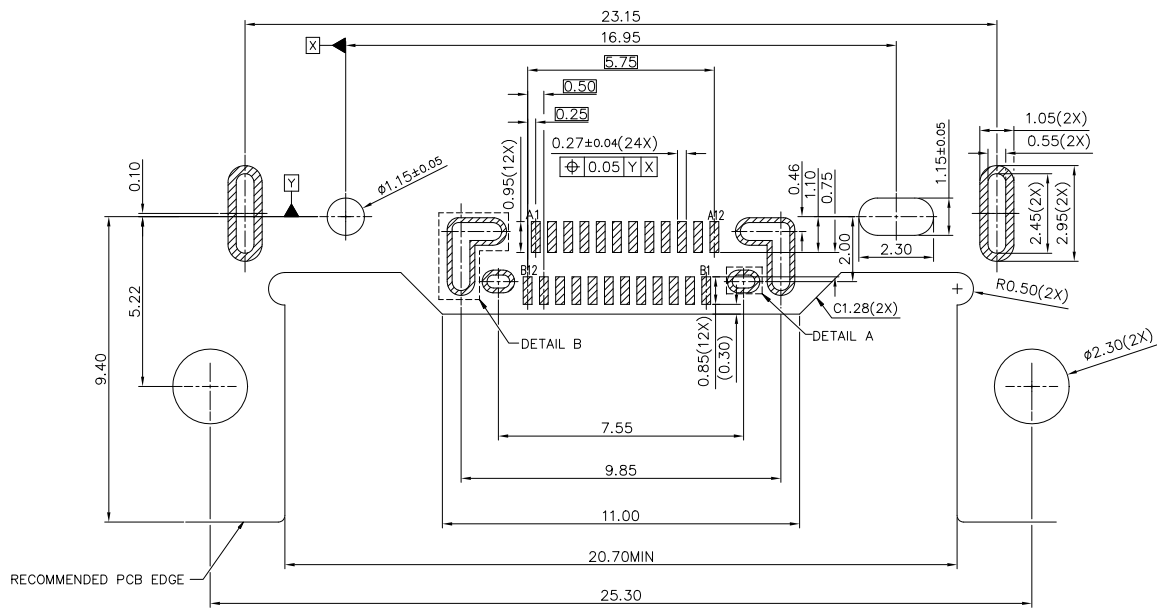


DRAPHO PART NO.
 DK 1 1 1 2 7 - D 2 0 0 1 - 1 H
 1: RIGHT ANGLE TYPE
 1: RECEPTACLE
 12: 12POS./ROW
 CONTACT PLATING:
 7: 12u" Au PLATING
 D: 0.5mm PITCH
 H: HALOGEN FREE & LEAD FREE
 PACKAGE CODE
 1: CARRIER TAPE
 1: EXTENSION CODE
 0: SMT TYPE
 CENTER HEIGHT
 0: -0.64mm
 2: 2ROWS

ITEM	DESCRIPTION	MATERIAL	FINISH	REMARK
⑦	SHELL3	STAINLESS STEEL	NICKEL UNDER PLATED OVER ALL.	
⑥	SHELL2		BLACK NICKEL UNDER PLATED OVER ALL.	
⑤	SHELL1		NICKEL UNDER PLATED OVER ALL.	
④	GND BLADE		NICKEL UNDER PLATED OVER ALL.	
③	CONTACT	COPPER ALLOY	GOLD PLATING ON CONTACT AREA, GOLD FLASH ON SMT SOLDER AREA NICKEL UNDER PLATED OVER ALL.	
②	HOUSING	HIGHTEMP-PLASTIC	UL94V-0,COLOR:BLACK	
①	I/M			

UNITS:	GENERAL TOLERANCE	APPROVED:	PART NO.:
mm		Mike Wu	DK11127-D2001-1H
DATE:	X. ±0.30	CHECKED:	TITLE: CUSTOMER DRAWING
10/13'20	.X ±0.25	Wes Wu	FOR 0.5P 24PIN DOCKING
SCALE:	.XX ±0.20	DRAWING:	DRAWING NO.:
N/A	.XX ±0.20	Zhao Xia	820-0000-0847
SHEET:	MATERIAL:	Q'TY	Highstar
1/3	N/A	N/A	
REV.	FINISH:	Drapho ELECTRONICS TECHNOLOGY CO., LTD	
C	N/A		

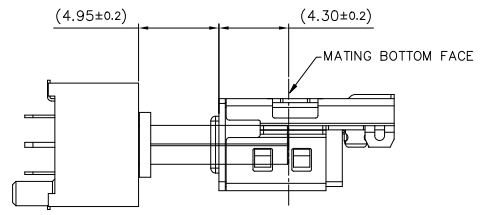
RoHS HF



RECOMMENDED PCB LAYOUT
PCB THICKNESS 1.0±0.05mm

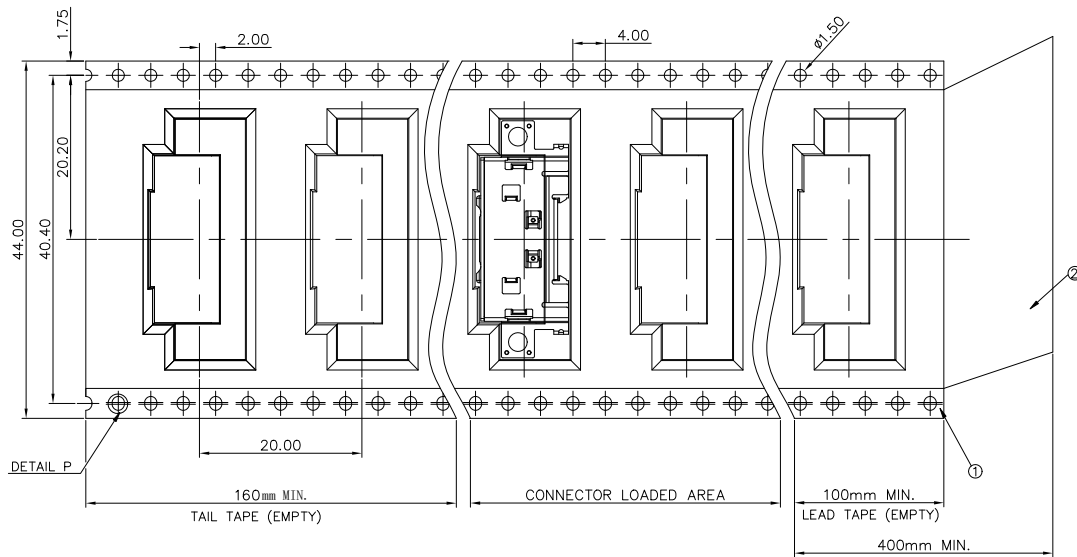
PIN	SIGNAL	DESCRIPTION	MATING SEQUENCE	DESCRIPTION	SIGNAL	PIN
A1	GND (20V 5A)	GROUND RETURN	FIRST	GROUND RETURN	POWER GND(5A)	B12
A2	SSTXP1	POSITIVE HALF OF FRIST SUPERSPEED TX DIFFERENTIAL PAIR	SECOND	POSITIVE HALF OF FIRST SUPERSPEED RX DIFFERENTIAL PAIR	SSRXP1	B11
A3	SSTXN1	NEGATIVE HALF OF FRIST 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	NEAGITIVE HALF OF SECOND SUPERSPEED RX DIFFERENTIAL PAIR	SECOND	NEGATIVE HALF OF SECOND SUPERSPEED TX DIFFERENTIAL PAIR	SSTXN2	B3
A11	SSRXP2	POSITIVE HALF OF SECOND SUPERSPEED RX DIFFERENTIAL PAIR	SECOND	POSITIVE HALF OF SECOND SUPERSPEED TX DIFFERENTIAL PAIR	SSTXP2	B2
A12	GND	GROUND RETURN	FIRST	GROUND RETURN	GND	B1

PIN ASSIGNMENT

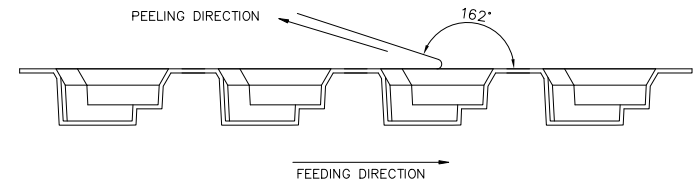


UNITS: mm	GENERAL TOLERANCE		APPROVED: Mike Wu	PART NO.: DK11127-D2001-1H
DATE: 10/13/20	X: ±0.20	X': ±2'	CHECKED: Wes Wu	TITLE: CUSTOMER DRAWING FOR 0.5P 24PIN DOCKING
SCALE: N/A	.XX ±0.10	.X' ±1'	DRAWING: Zhao Xia	DRAWING NO.: 820-0000-0847
SHEET: 2/3	MATERIAL: N/A	QTY: N/A	Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD	
REV: C	FINISH: N/A			

RoHS HF

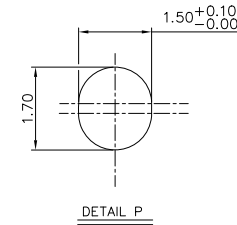
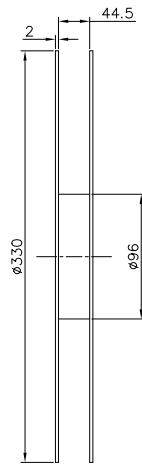
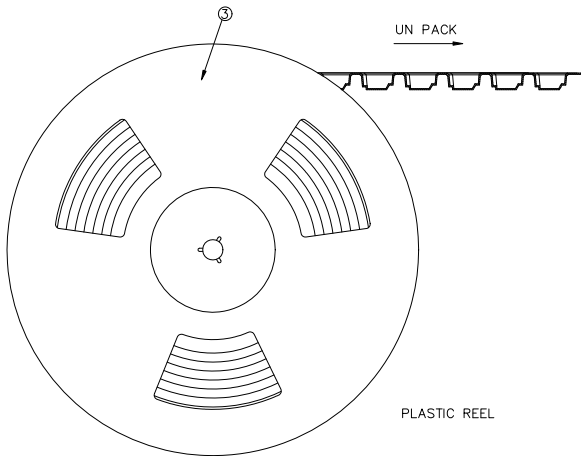


NOTES:
 1.10 PITCHES CUMULATIVES TOLERANCE ON TAPE IS $\pm 0.20\text{mm}$;
 2.COVER TAPE PEELING STRENGTH :0.13kgf MAX. AT 300mm/MINUTE;



3.PACKAGING CAPACITY:

P/N	PCS/REEL	REEL/BOX	PCS/BOX
DK11127-D2001-1H	400	3	1200



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

UNITS: mm	GENERAL TOLERANCE		APPROVED: Mike Wu	PART NO.: DK11127-D2001-1H
DATE: 10/13'20	X. ± 0.30	X.* $\pm 5^{\circ}$	CHECKED: Wes Wu	TITLE: CUSTOMER DRAWING FOR 0.5P 24PIN DOCKING
SCALE: N/A	.X ± 0.25	.X* $\pm 3^{\circ}$	DRAWING: Zhao Xia	DRAWING NO.: 820-0000-0847
SHEET: 3/3	MATERIAL: N/A	QTY N/A	Highstar Drapho ELECTRONICS TECHNOLOGY CO., LTD	
REV. C	FINISH: N/A			