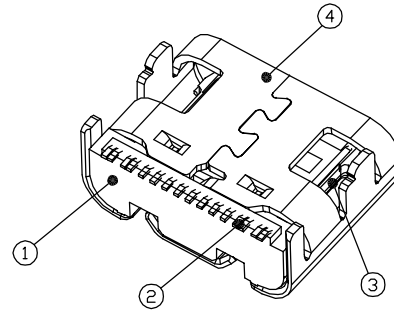
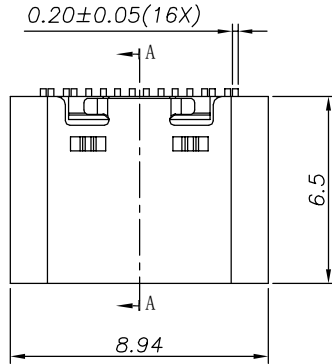


REV.	DESCRIPTION	DATE
1	PRELIMINARY	Nov.19, 2018
2	MODIFY DRAWING	Jul.29, 2020
3	MODIFY DRAWING	Oct.30, 2020

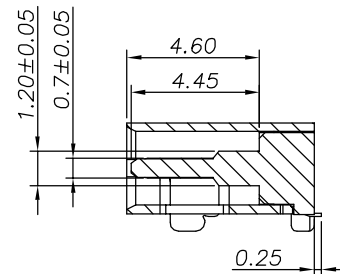
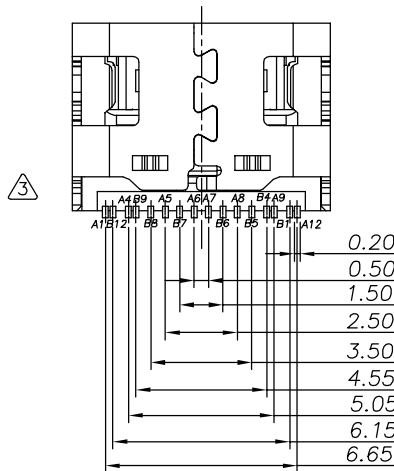
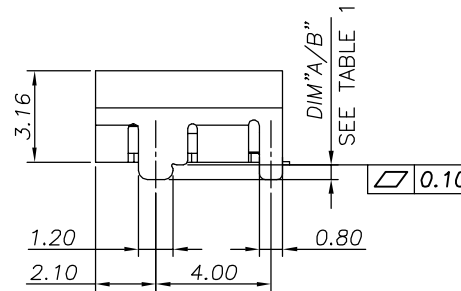
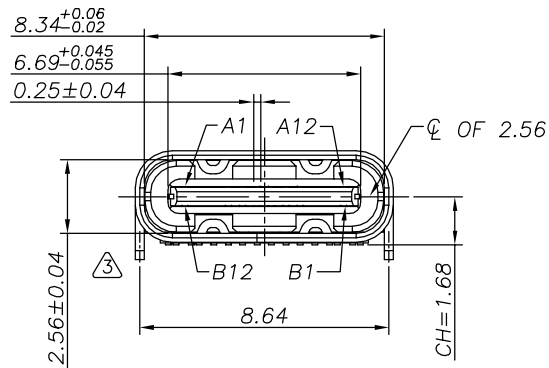


MATERIALS

- HOUSING : PA9T,UL94 V-0,BLACK. 3
- TERMINAL : COPPER ALLOY .
PLATING: UNDER NICKEL PLATING OVER ALL
GOLD PLATING ON CONTACT AREA
GOLD FLASH PLATED ON SOLDER TAILS.
- MID PLATE: STAINLESS STEEL,CLEAR ONLY.
- FRONT SHELL: STAINLESS STEEL, NICKEL PLATED. 2

SPECIFICATION

- CURRENT RATING:5.0A
VOLTAGE RATING:5.0V
- DIELECTRIC WITHSTANDING VOLTAGE :
100V AC R.M.S. FOR ONE MINUTE.
- INSULATION RESISTANCE : 100M OHMS MIN.
- CONTACT RESISTANCE :
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
SHIELD: 50mΩ/MAX.
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- INSERTION FORCE : 0.5~2.0KG
- EXTRACTION FORCE : 0.8~2.0KG
- DURABILITY : 10,000 CYCLE.
- OPERATING TEMPERATURE : -25°C TO +85°C.
- IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260°C.



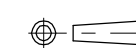
SEE TABLE 1

DIM "A"	0.5±0.20mm
DIM "B"	0.8±0.20mm

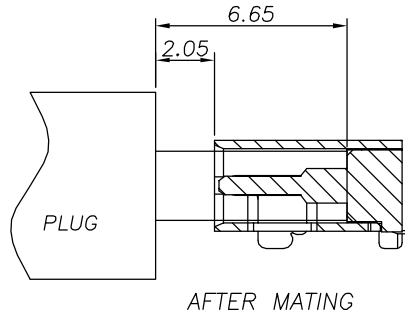
PART NUMBER INFORMATION :

239F316-XN0XXD-X

SERIES CODE: 239F316
SMT
FEMALE
USB C TYPE
NUMBER OF POSITIONS: 16
CONTACT PLATING OPTION:
0 : GOLD FLASH
3 : 15u" GOLD
6 : 30u" GOLD
R:RoHS
H:HALOGEN FREE
06: DIM "A"
07: DIM "B"

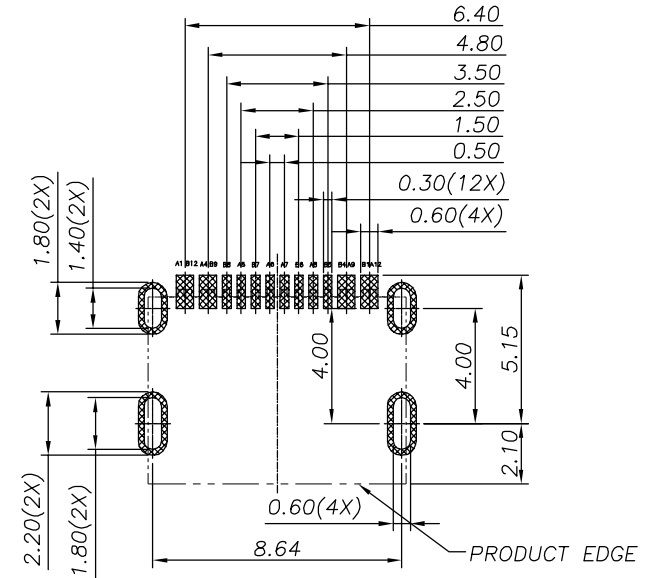
TOLERANCE		DRAWER <i>DLM</i>		Astron ASTRON TECHNOLOGY CORP.
.0±0.30 .00±0.20 .000±0.10 ANG.=±3°		CHECK <i>SPURD FU</i>		
 UNITS : mm		APP'D <i>SPURD FU</i>		NAME
		PRODUCT SPEC.		USB C TYPE 16P FEMALE (L=6.5)
SCALE NONE	SIZE A4	SHEET 1 OF 3	REV. 3	DRAW NO. 239F316-XN006D(07D)-X

REV.	DESCRIPTION	DATE
1	PRELIMINARY	Nov.19, 2018
2	MODIFY DRAWING	Jul.29, 2020
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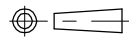


USB TYPE-C PIN ASSIGNMENTS

PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

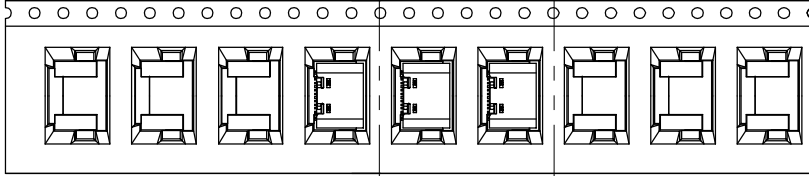


RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

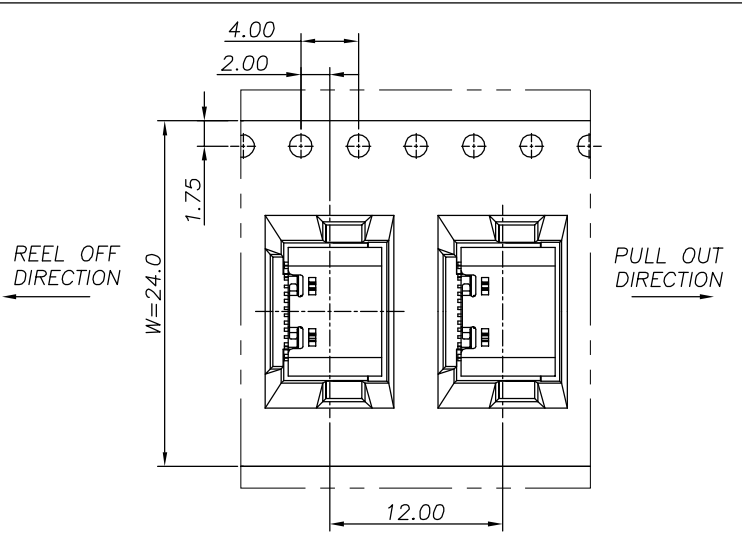
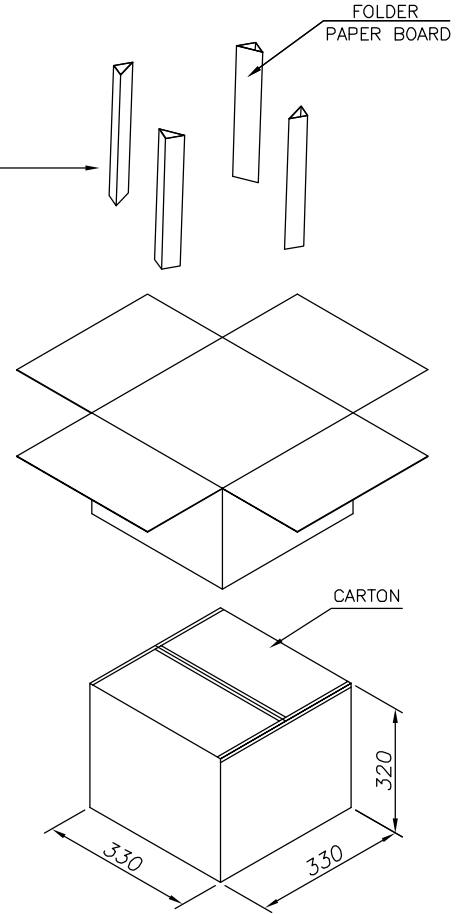
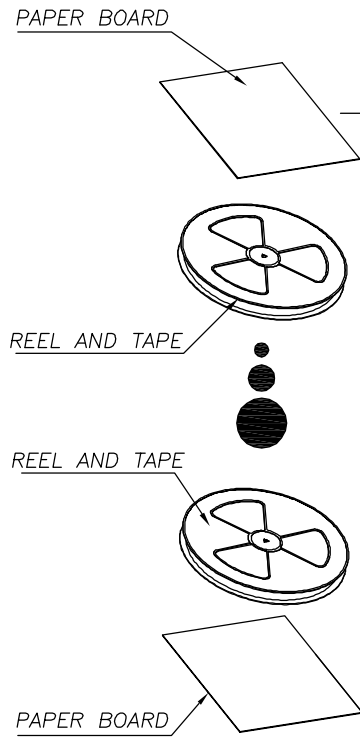
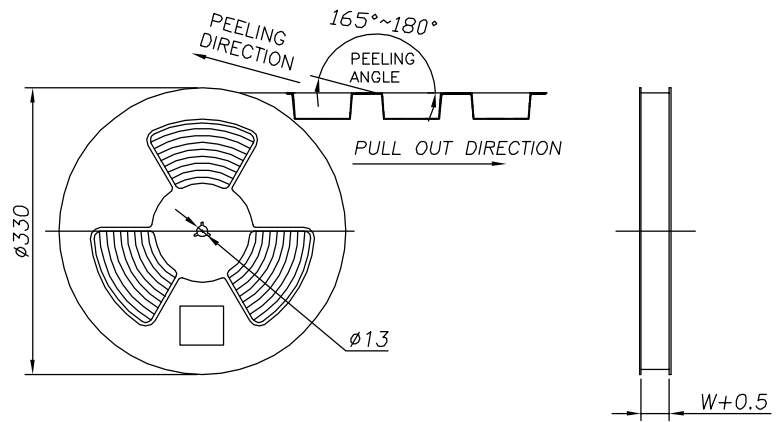
TOLERANCE .0=±0.30 .00=±0.20 .000=±0.10 ANG.=±3°		DRAWER <i>DMU</i>		 ASTRON TECHNOLOGY CORP.
 UNITS : mm		CHECK <i>SPURD FU</i>		
SCALE NONE		APP'D <i>SPURD FU</i>		DRAW NO. 239F316-XN006D(07D)-X
SIZE A4		PRODUCT SPEC. —		
SHEET 2 OF 3		REV. 3		

REV.	DESCRIPTION	DATE
1	PRELIMINARY	Nov.19,2018
2	MODIFY DRAWING	Jul.29,2020
3	MODIFY DRAWING	Oct.30,2020

LEADING SECTION (28 HOLE) 1200PCS END SECTION (28 HOLE)



SEE DETAIL X



- QUANTITY:
1. 1200PCS/REEL.
 2. 10REEL/12000PCS/CARTON.

TOLERANCE		DRAWER <i>DMU</i>		Astron ASTRON TECHNOLOGY CORP.
.0=		CHECK <i>SPURD FU</i>		
.00=		APP'D <i>SPURD FU</i>		NAME
.000=		PACKAGE SPEC.		USB C TYPE 16P FEMALE (L=6.5)
ANG.=±3'		UNITS : mm		DRAW NO.
		SCALE NONE		239F316-XN006D(07D)-X
SIZE A4		SHEET 3 OF 3		
		REV. 3		