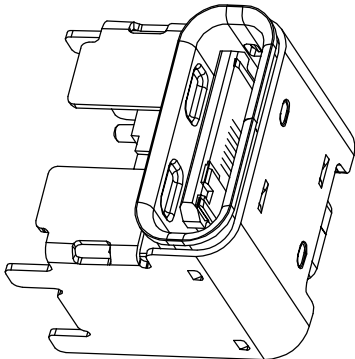
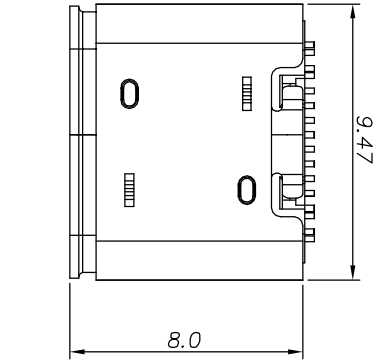


REV.	DESCRIPTION	DATE
1	PRELIMINARY	Aug.27,2018



MATERIALS

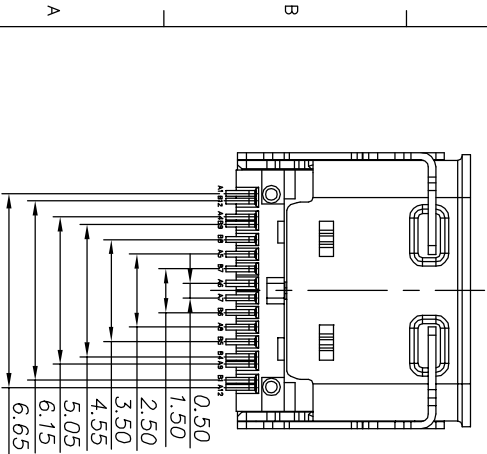
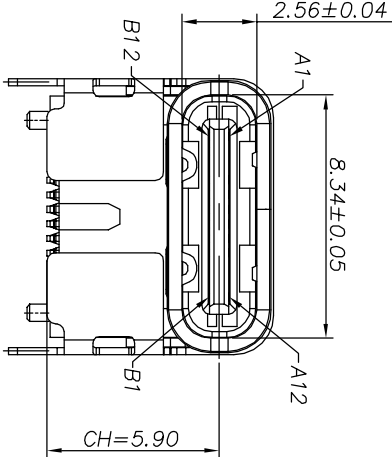
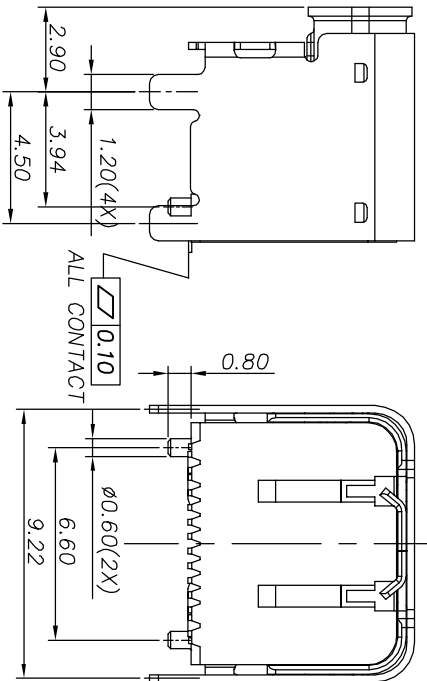
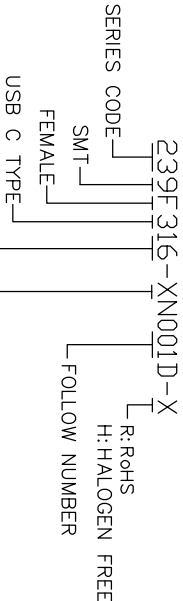
1. HOUSING : HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0.
2. TERMINAL : COPPER ALLOY,
GOLD PLATED ON CONTACT AREA,
TIN PLATED ON SOLDER TAIL,
UNDER NICKEL PLATING OVER ALL.
- 3.MID PLATE: STAINLESS STEEL,CLEAR ONLY.
- 5.EMI PLATE: STAINLESS STEEL,CLEAR ONLY.
- 4.FRONT SHELL: STAINLESS STEEL,UNDER NICKEL PLATING OVER ALL.
- 5.TOP SHELL: STAINLESS STEEL,UNDER NICKEL PLATING OVER ALL.

SPECIFICATION

1. CURRENT RATING:5.0A
- VOLTAGE RATING:5.0V
2. DIELECTRIC WITHSTANDING VOLTAGE :
100V AC R.M.S. FOR ONE MINUTE.
3. INSULATION RESISTANCE : 100M OHMS MIN.
4. CONTACT RESISTANCE :
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.

- SHIELD: 50mΩ/MAX.
LCR MAX: CHANGE OF ALL PINS: 10mΩ.
5. INSERTION FORCE : 0.5~2.0KG
 6. EXTRACTION FORCE : 0.8~2.0KG
 7. DURABILITY : 10,000 CYCLE.
 8. OPERATING TEMPERATURE : -25℃ TO +85℃.
 9. IR REFLOW:
THE PEAK TEMPERATURE ON THE BOARD SHALL
BE MAINTAINED FOR 10 SECONDS AT 260℃.

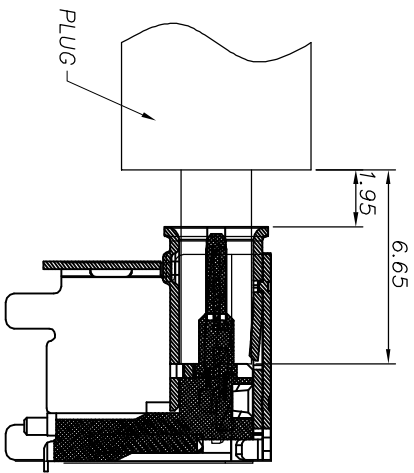
PART NUMBER INFORMATION :



TOLERANCE .0=±0.30 .00=±0.20 .000=±0.10 ANG.=±3°		DRAWER DENG HAN MOU CHECK SIGURDFU APP'D SIGURDFU PRODUCT SPEC. _____		ASTRON TECHNOLOGY CORP. ASTRON USB C TYPE FEMALE
UNITS : mm		DRAW NO.		
SCALE NONE	SIZE A4	SHEET 1 OF 3	REV. 1	
239F316-XN001D-X				



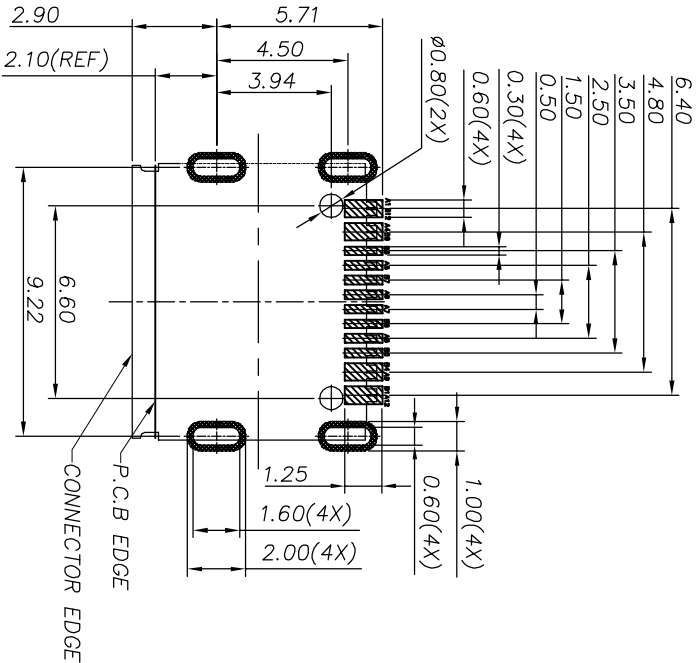
REV.	DESCRIPTION	DATE
1	PRELIMINARY	Aug.27,2018



AFTER MATING

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

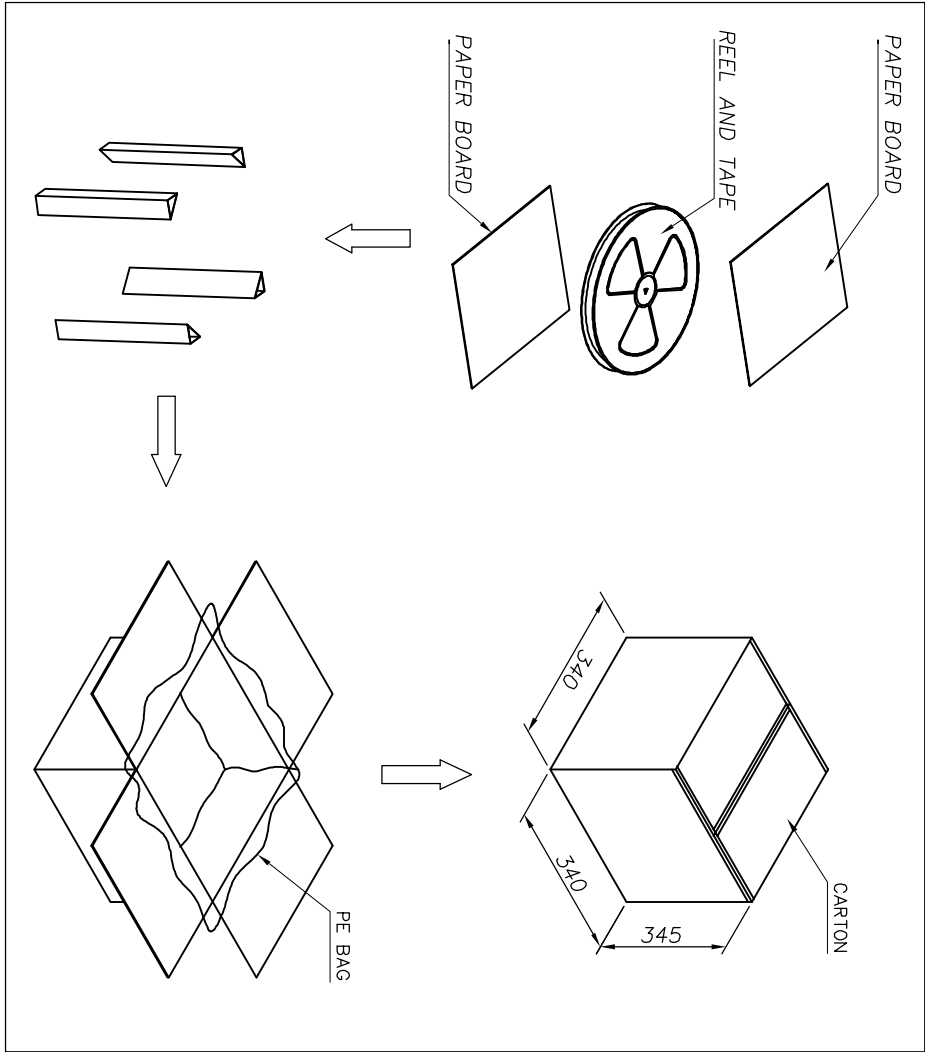
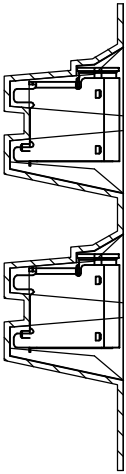
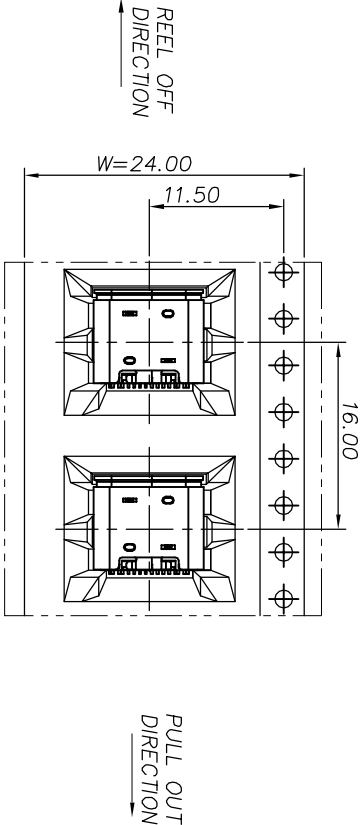
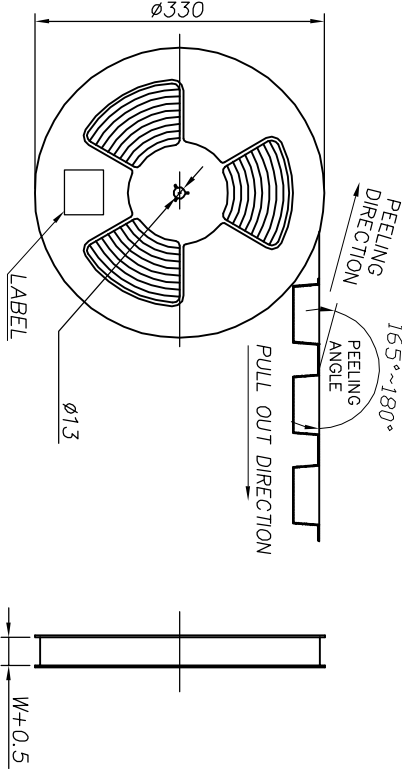
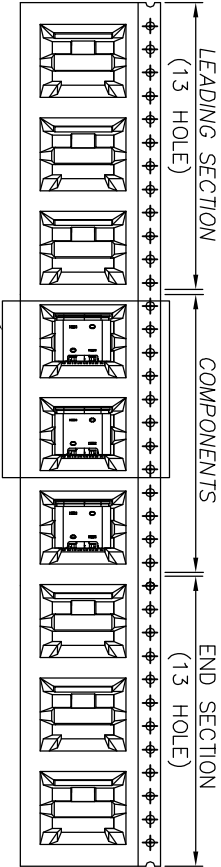


RECOMMENDED PCB LAYOUT(TOP VIEW)

THICKNESS 0.8MM;DEFAULT TOLERANCE: ±0.05

TOLERANCE		DRAWER		Astro ASTRON TECHNOLOGY CORP.
.0=±0.30		DENG HAN MOU		
.00=±0.20		CHECK		
.000=±0.10		SIGURDFU		
ANG.=±3°		APP'D		NAME
		SIGURDFU		
		PRODUCT SPEC.		
				USB C TYPE FEMALE
UNITS : mm				
SCALE	SIZE	SHEET	REV.	DRAW NO.
NONE	A4	2 OF 3	1	
239F316-XN001D-X				

REV.	DESCRIPTION	DATE
1	PRELIMINARY	Aug.27,2018



TOLERANCE .0=±0.30 .00=±0.20 .000=±0.10 ANG.=±3°		DRAWER DENG HAN MOU		ASTRON ASTRON TECHNOLOGY CORP.
CHECK SIGURDFU		APP'D SIGURDFU		
PRODUCT SPEC. _____		NAME USB C TYPE FEMALE		
UNITS : mm   ASTRON TECHNOLOGY CORP.		DRAW NO. 239F316-XN001D-X		
SCALE NONE	SIZE A4	SHEET 3 OF 3	REV. 1	