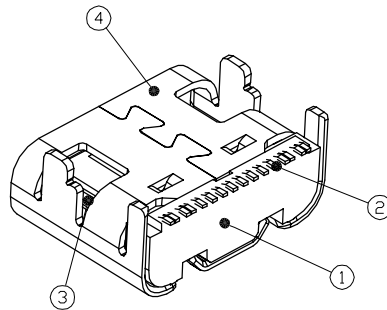
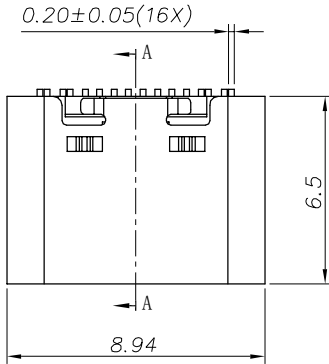


REV.	DESCRIPTION	DATE
1	PRELIMINARY	Nov.19,2018

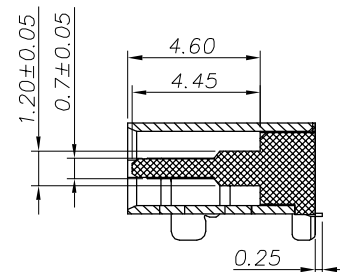
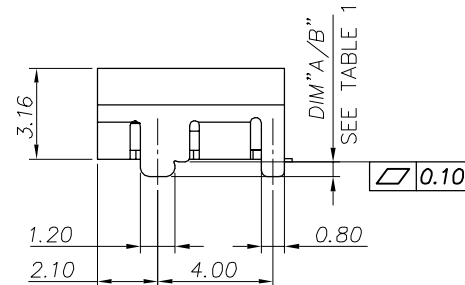
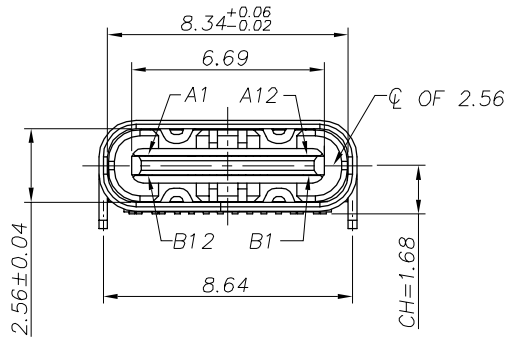


MATERIALS

- HOUSING : HIGH TEMPERATURE RESISTANT PLASTIC,UL94 V-0,BLACK.
- 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,UNDER PLATED OVER ALL.

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.

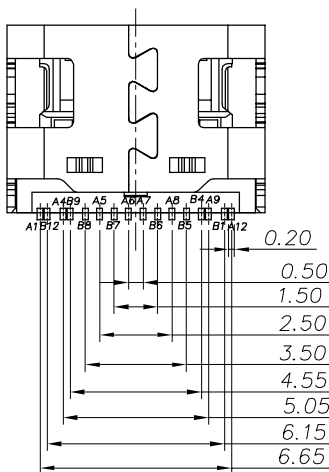
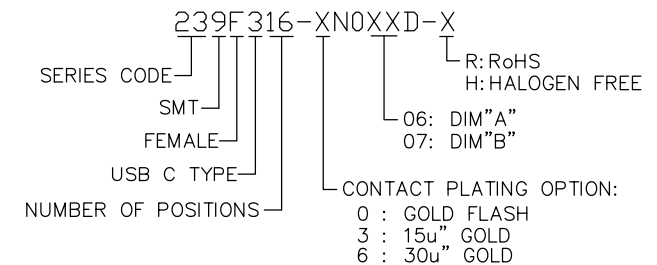


SECTION: A-A

SEE TABLE 1

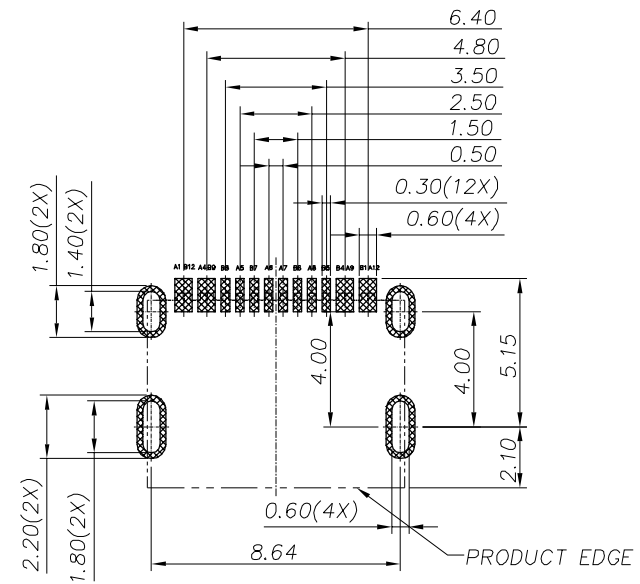
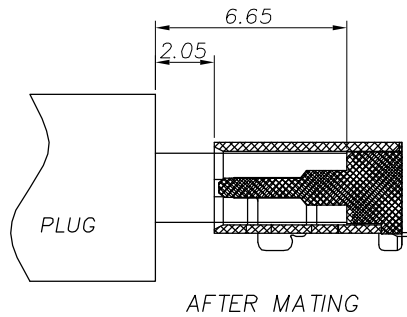
DIM"A"	0.5±0.20mm
DIM"B"	0.8±0.20mm

PART NUMBER INFORMATION :



TOLERANCE .0=±0.30 .00=±0.20 .000=±0.10 ANG.=±3°	DRAWER <i>DLM</i>	 ASTRON TECHNOLOGY CORP.
	CHECK <i>SPURD FU</i>	
UNITS : mm	APP'D <i>SPURD FU</i>	NAME USB C F 16PIN (L=6.5)
SCALE NONE	SIZE A4	DRAW NO. 239F316-XN0XXD-X
SHEET 1 OF 3	REV. 1	

REV.	DESCRIPTION	DATE
1	PRELIMINARY	Nov.19,2018



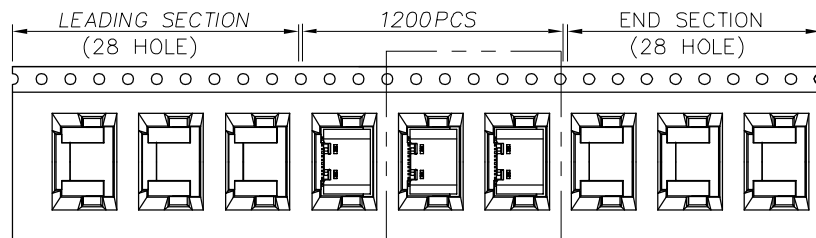
RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.60MM;DEFAULT TOLERANCE:±0.05

USB TYPE-C PIN ASSIGNMENTS

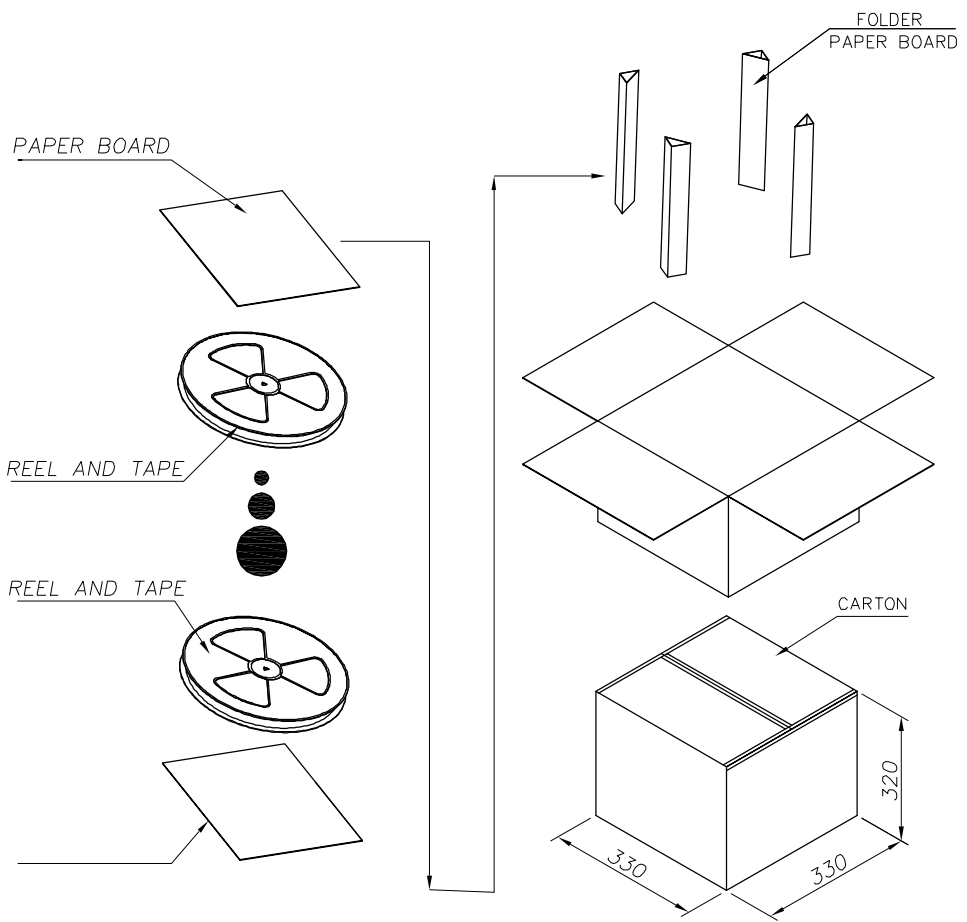
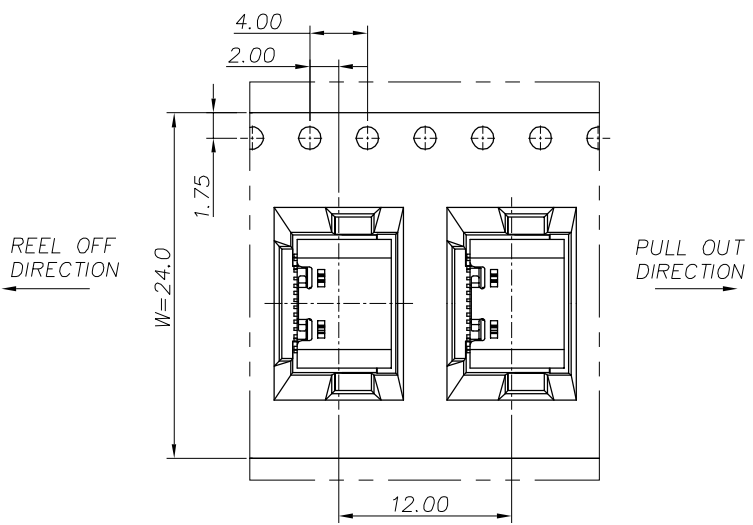
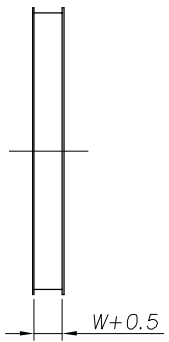
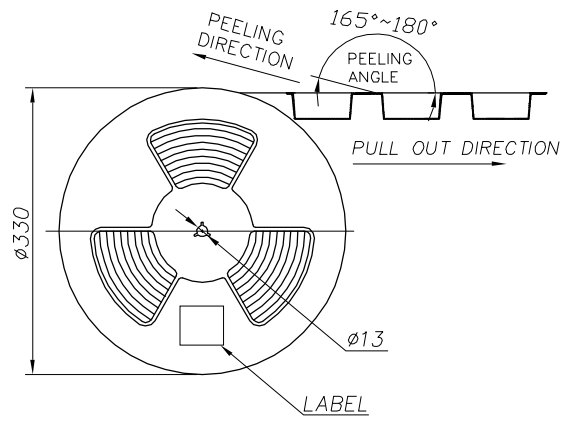
PIN NUMBER	SIGNAL NAME	PIN NUMBER	SIGNAL NAME
A1	GND	B12	GND
A4	VBUS	B9	VBUS
A5	CC1	B8	SBU2
A6	Dp1	B7	Dn2
A7	Dn1	B6	Dp2
A8	SBU1	B5	CC2
A9	VBUS	B4	VBUS
A12	GND	B1	GND

TOLERANCE .0=±0.30 .00=±0.20 .000=±0.10 ANG.=±3°		DRAWER <i>DHM</i>	 ASTRON TECHNOLOGY CORP.
UNITS : mm		CHECK <i>SPURD FU</i>	
SCALE NONE SIZE A4		APP'D <i>SPURD FU</i>	NAME USB C F 16PIN (L=6.5)
SHEET 2 OF 3		PRODUCT SPEC. —	DRAW NO. 239F316-XN0XXD-X
REV. 1			

REV.	DESCRIPTION	DATE
1	PRELIMINARY	Nov.19,2018



SEE DETAIL X



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

TOLERANCE	
.0=±0.30	
.00=±0.20	
.000=±0.10	
ANG.=±3°	

UNITS : mm

SCALE	SIZE
NONE	A4

DRAWER	DMU
CHECK	SPURD FU
APP'D	SPURD FU
PRODUCT SPEC.	

SHEET	REV.
3 OF 3	1

Astron
 ASTRON TECHNOLOGY CORP.

NAME
 USB C F 16PIN (L=6.5)

DRAW NO.
 239F316-XNOXXD-X