

REV.	DESCRIPTION	DATE
A	RELEASE	Jan.16, 2019
B	DRAW MODIFY	Feb.13, 2019


MATERIALS

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

SPECIFICATION

- CURRENT RATING: 3.0A MAX.
- VOLTAGE RATING: 5.0V
- DIELECTRIC WITHSTANDING VOLTAGE :
100V AC R.M.S. FOR ONE MINUTE.
- INSULATION RESISTANCE : 100MΩ MIN.
- CONTACT RESISTANCE :
VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX,
SHIELD: 50mΩ/MAX,
LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
- INSERTION FORCE : 0.5~2.0kgf.
- EXTRACTION FORCE : 0.8~2.0kgf.
- 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.

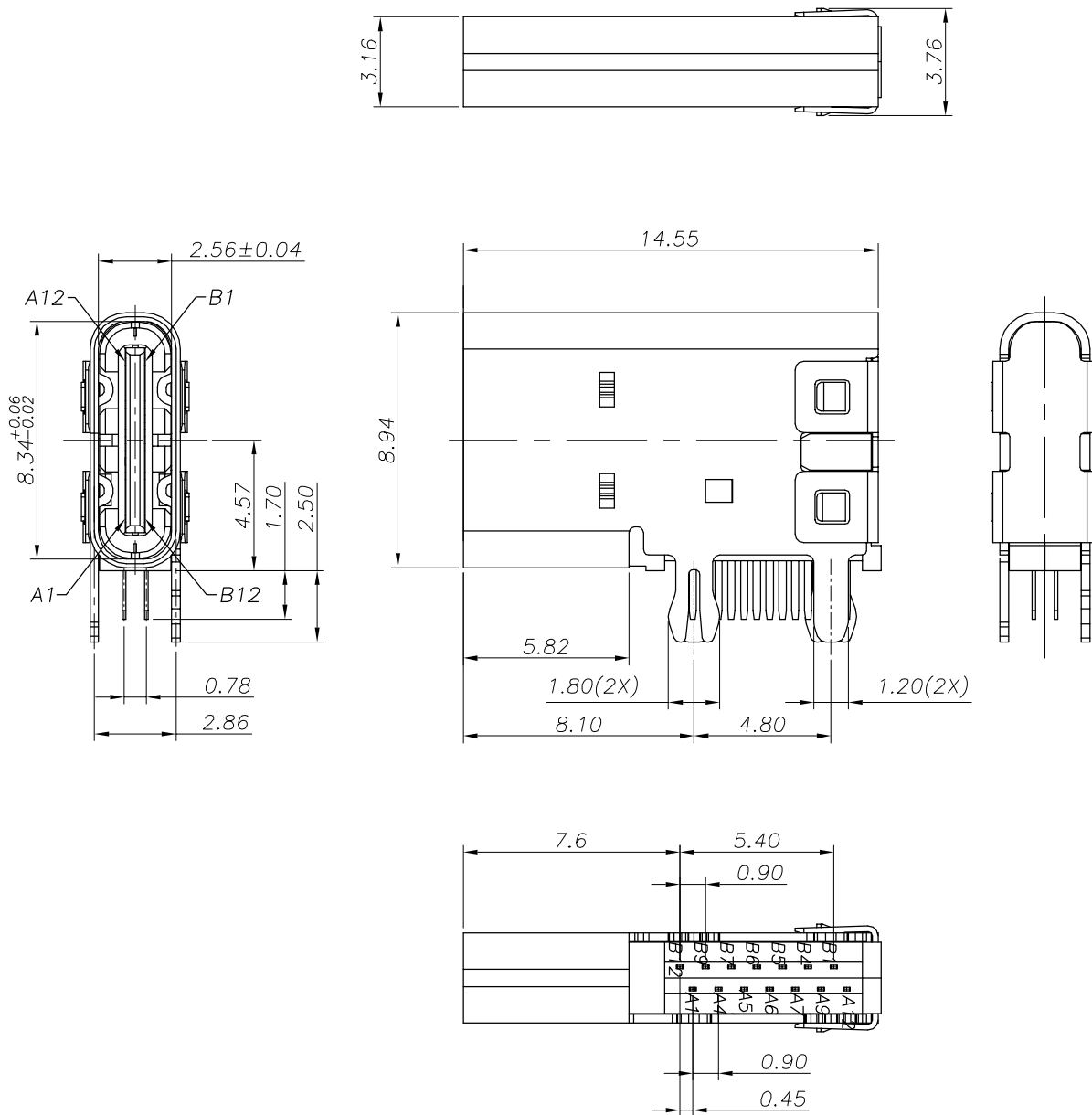
PART NUMBER INFORMATION :


236F314-XN001D-X 

SERIES CODE — 236F314
DIP —
FEMALE —
USB C TYPE —
NUMBER OF POSITIONS —

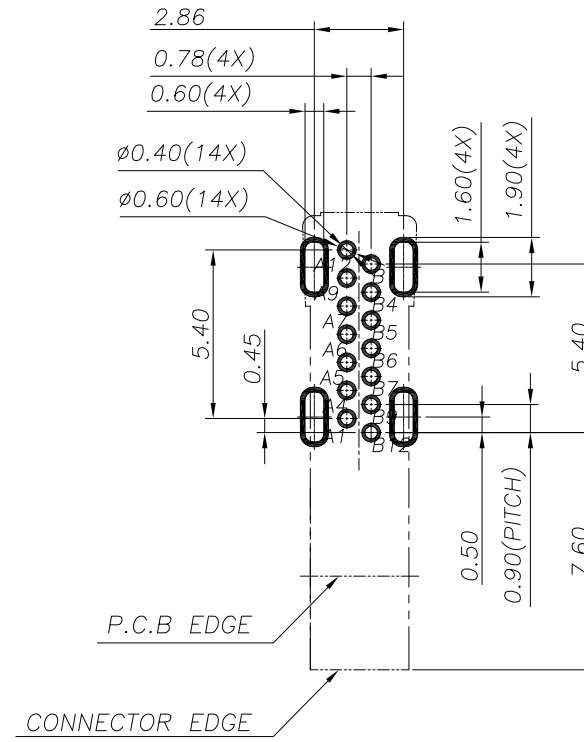
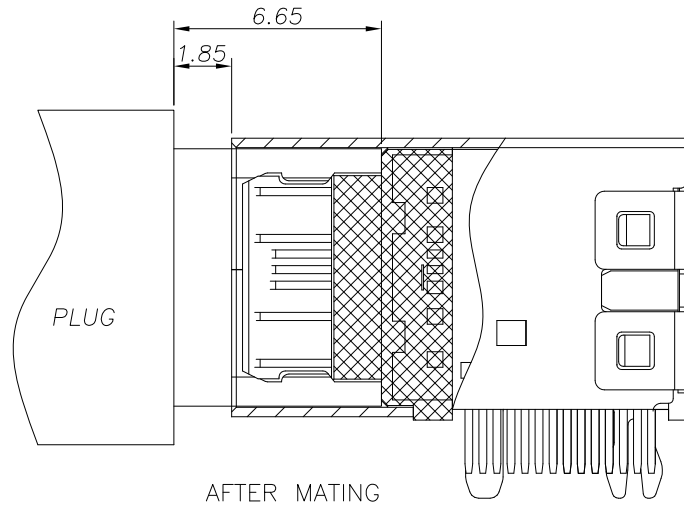
R:RoHS
H:HALOGEN FREE
— FOLLOW NUMBER

CONTACT PLATING OPTION:
0 : GOLD FLASH
3 : 15u" GOLD
6 : 30u" GOLD



GENERAL TOLERANCE		DRAWER <i>DHM</i>		 ASTRON TECHNOLOGY CORP.	
DIM.	0. = ± .0 = ±0.30 .00 = ±0.20 .000 = ±0.10	CHECK	<i>PPURD FU</i>		
ANG.	0.° = ±5° .0° = ±3°	APP'D	<i>PPURD FU</i>	PACKAGE SPEC.	
3rd ANGLE PROJECTION		—		DRAW NO. 236F314-XN001D-X	
UNITS : mm [inch]		CONFIDENTIAL		C NO.	
SCALE	SIZE A4	SHEET 1 OF 3	REV. B		


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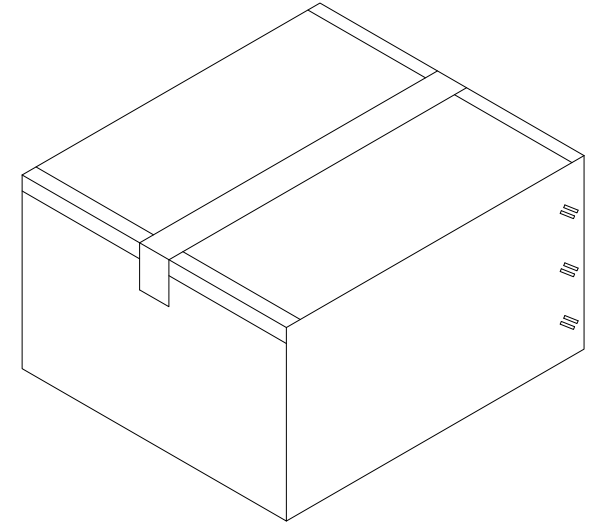
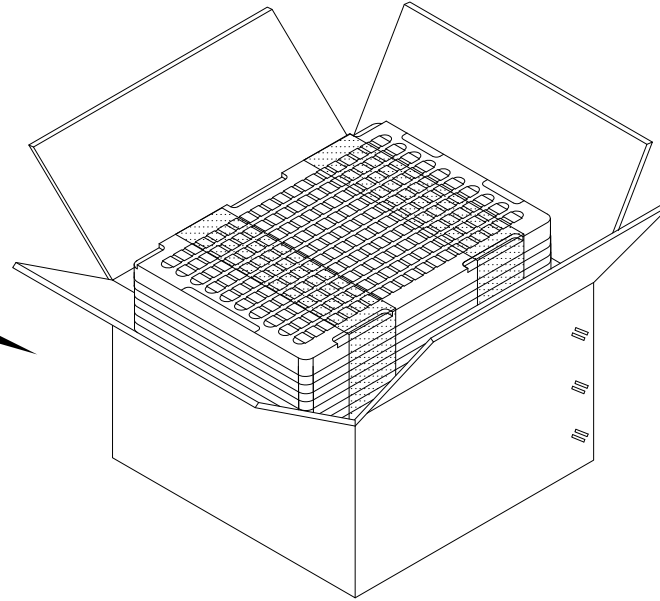
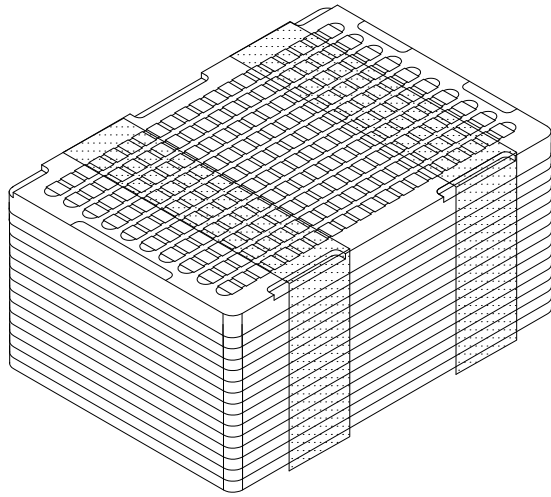
USB TYPE-C PIN ASSIGNMENTS

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

RECOMMENDED P.C.B LAYOUT(TOP VIEW)
THICKNESS 1.6±0.10MM;TOLERANCE ±0.05

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	.0 = ±0.30	CHECK	
	.00 = ±0.20	<i>FFURD FU</i>	
ANG.	.000 = ±0.10	APP'D	NAME
	0.° = ±5°	<i>FFURD FU</i>	USB C TYPE 14PIN FEMALE
3rd ANGLE PROJECTION		PACKAGE SPEC.	
UNITS : mm [inch]		CONFIDENTIAL	DRAW NO. 236F314-XN001D-X
SCALE	SIZE	SHEET	C NO.
NONE	A4	2 OF 3	
		REV.	
		B	

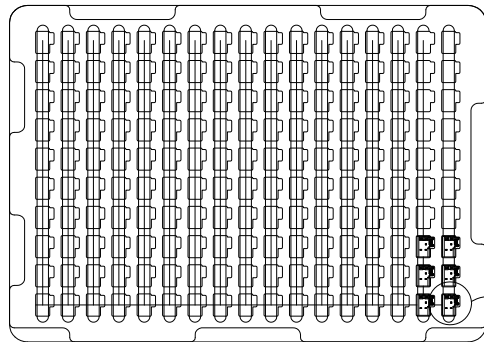
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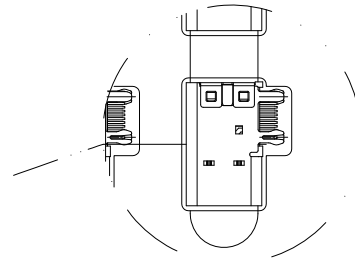
6800PCS/CARTON

QUANTITY:

1. 170PCS/TRAY.
2. 40TRAY/6800PCS/CARTON.



170PCS/TRAY



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DIM. 0. = ± .0 = ±0.30 .00 = ±0.20 .000 = ±0.10		CHECK <i>PPURD FU</i>			
ANG. 0° = ±5° .0° = ±3°		APP'D <i>PPURD FU</i>		USB C TYPE 14PIN FEMALE	
3rd ANGLE PROJECTION		PACKAGE SPEC. —		DRAW NO. 236F314-XN001D-X	
UNITS : mm [inch]		CONFIDENTIAL		C NO.	
SCALE NONE	SIZE A4	SHEET 3 OF 3	REV. B		