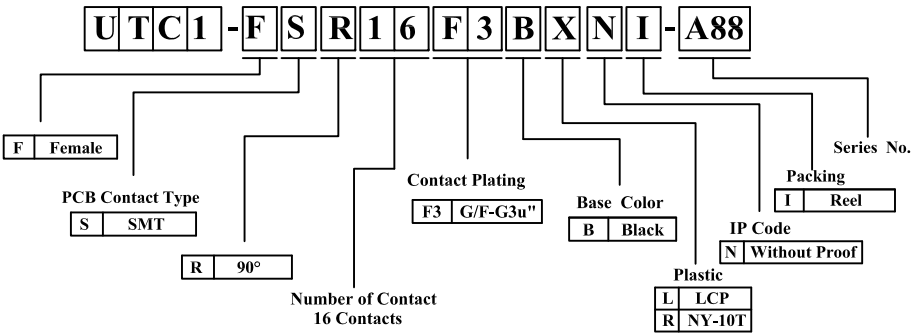
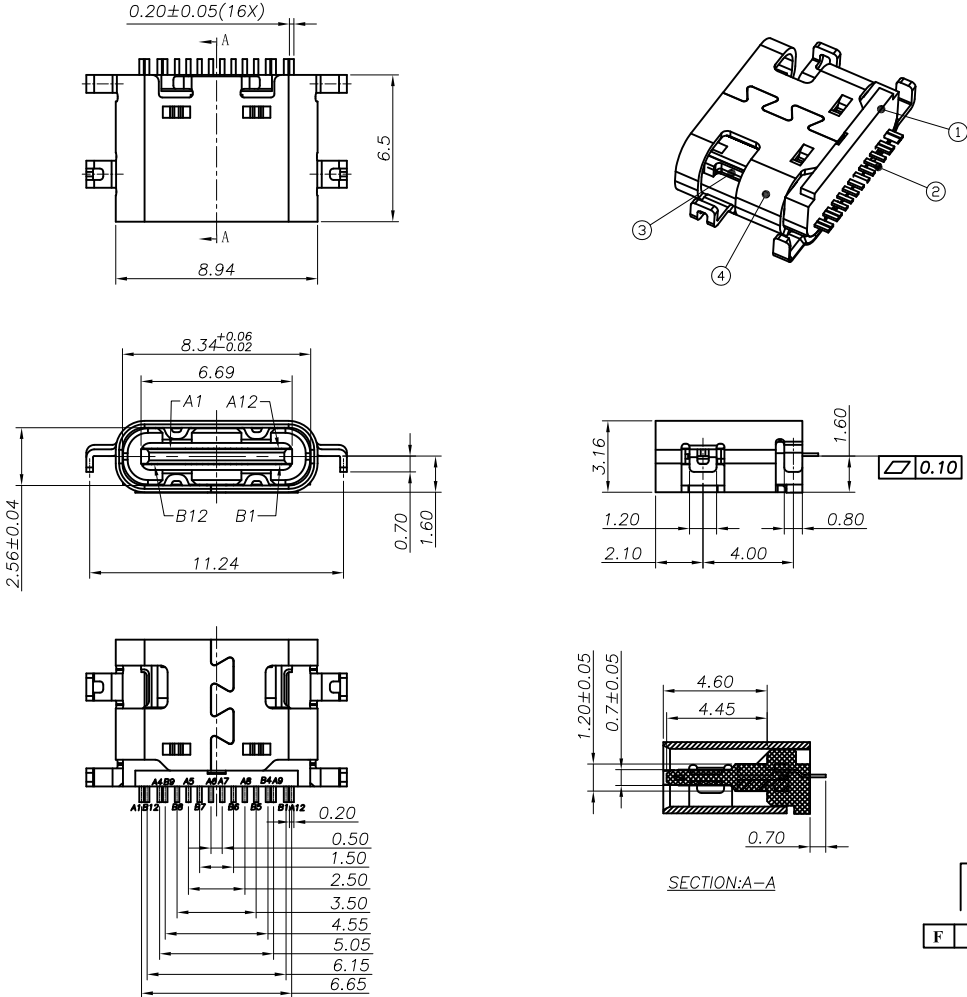


REV.	DESCRIPTION	DATE
A	New Drawing	2020/5/26

NOTE:

- MATERIAL SPECIFICATION:
 - HOUSING: HIGH TEMPERATURE RESISTANT PLASTIC, UL94 V-0.
 - CONTACTS: COPPER ALLOY
 - MID PLATE: STAINLESS STEEL
 - FRONT SHELL: STAINLESS STEEL
- PLATING SPECIFICATION:
 - CONTACTS:
 - Ni 50u" MIN. UNDER PLATED OVER ALL.
 - Au PLATED ON THE FUNCTIONAL AREA OF CONTACT. (GOLD PLATING THICKNESS FOLLOW THE P/N)
 - PLATING SPECIFICATIONS OF THE SOLDER AREA FOLLOW THE P/N
 - FRONT SHELL:
 - Ni 30u" MIN. UNDER PLATED OVER ALL.
 - MID PLATE:
 - CLEAR ONLY
- MECHANICAL PERFORMANCE,
 - INSERTION FORCE: 0.5~2.0kgf.
 - REMOVAL FORCE: 0.8kgf~2.0kgf.
 - DURABILITY: 10000 CYCLES.
- ELECTRICAL PERFORMANCE,
 - CURRENT RATING: 3.0A
VOLTAGE RATING: 5.0V
 - LLCR:
 - VBUS & GND PINS AND OTHER PINS: 40mΩ/PIN MAX.
 - SHIELD: 50mΩ/MAX.
 - LLCR MAX. CHANGE OF ALL PINS: 10mΩ.
 - INSULATION RESISTANCE: 100MΩ MIN
 - DIELECTRIC WITHSTAND VOLTAGE, AC 100V FOR 1 MINUTE.
- ENVIRONMENTAL PERFORMANCE:
 - OPERATING TEMPERATURE: -25°C~+85°C.
- IR REFLOW:
 - THE PEAK TEMPERATURE ON THE BOARD SHALL BE MAINTAINED FOR 10 SECONDS AT 260°C.

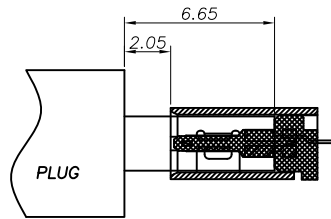


RoHS compliant

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Superior Tech Co., Ltd.

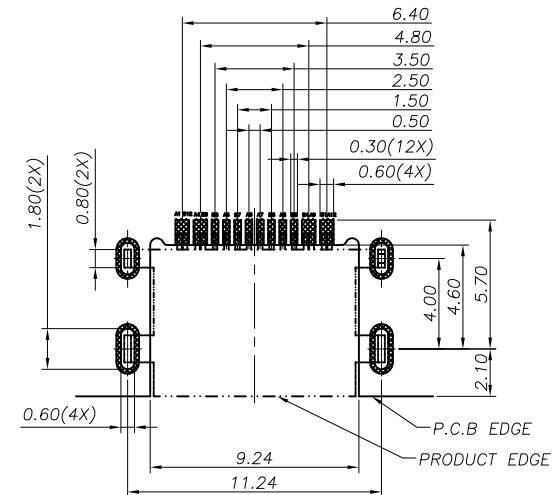
REV. A	UNIT mm	SCALE 1:1		General Tolerance	TITLE	USB Type C Female SMT 90° 16P MID MOUNT	
				X. ± 0.5	DRAWN	DATE	NO.
				.X ± 0.3	Annie	05-26-20'	S054
				.XX ± 0.2	CHECK	DATE	PART NO.
				Annie	05-26-20'	UTC1-FSR16F3BXNI-A88	
				.XXX ± 0.1	APPROVED	DATE	CUSTOMER NO.
				角度 ± 5°	Tom	05-26-20'	1/3

REV.	DESCRIPTION	DATE
A	New Drawing	2020/5/26



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 0.80MM;DEFAULT TOLERANCE:±0.05

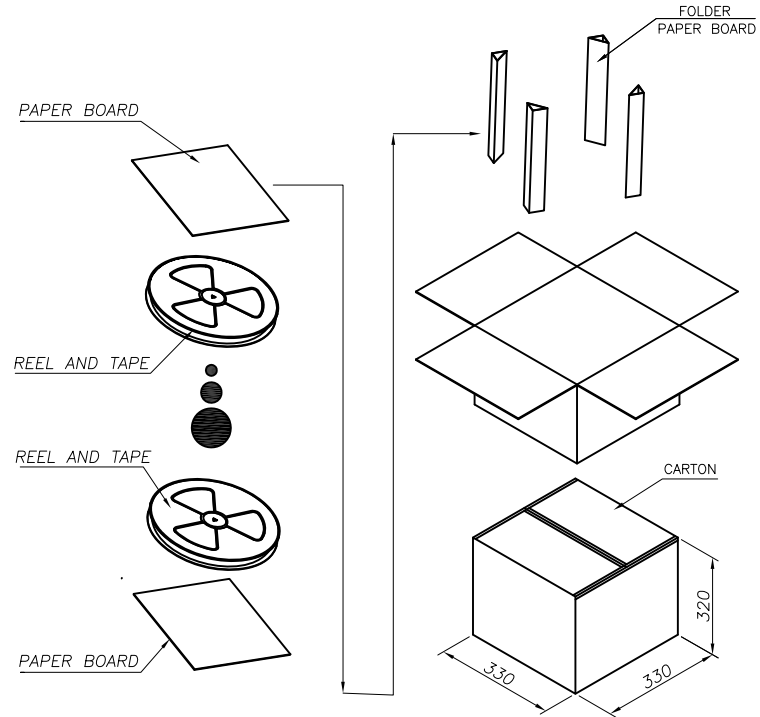
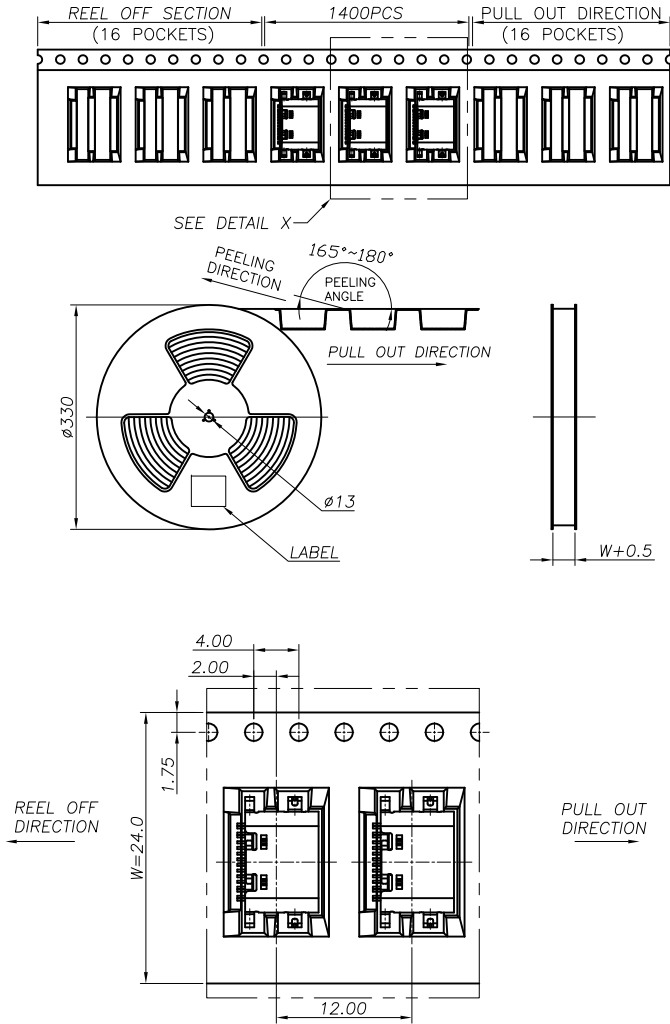
TABLE 1

ITEM	P/N	HOUSING	CONTACTS	
			FUNCTIONAL AREA	SOLDER AREA
1	UTC1-FSR16F3BLNI-A88	LCP_BLACK	Au:3u"	Au:G/F
2	UTC1-FSR16F3BRNI-A88	PA10T_BLACK	Au:3u"	Au:G/F

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竣豪電子股份有限公司 Superior Tech Co., Ltd.			General Tolerance		TITLE USB Type C Female SMT 90° 16P MID MOUNT		
			X. ± 0.5		DRAWN		DATE
REV. A		UNIT mm	SCALE 1:1	.X ± 0.3		NO. S054	
				.XX ± 0.2		PART NO. UTC1-FSR16F3BXNI-A88	
				.XXX ± 0.1		CUSTOMER NO. 2/3	
				角度 ± 5°	APPROVED Tom		DATE 05-26-20'

REV.	DESCRIPTION	DATE
A	New Drawing	2020/5/26



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Superior Tech Co., Ltd.

General Tolerance		TITLE	USB Type C Female SMT 90° 16P MID MOUNT 包裝圖	
X. ± 0.5		DRAWN	DATE	NO.
.X ± 0.3		Annie	05-26-20'	S054
.XX ± 0.2		CHECK	DATE	PART NO.
.XXX ± 0.1		Annie	05-26-20'	UTC1-FSR16F3BXNI-A88
角度	± 5°	APPROVED	DATE	CUSTOMER NO.
		Tom	05-26-20'	3/3

REV.	UNIT	SCALE	
A	mm	1:1	