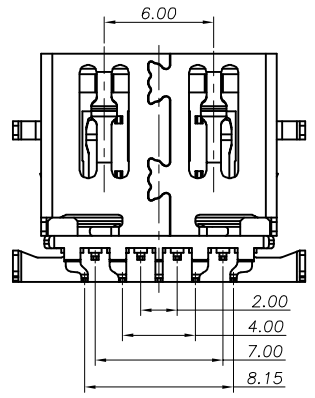
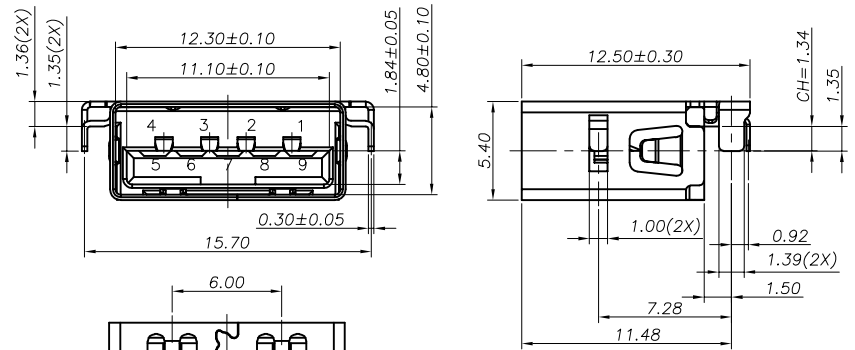
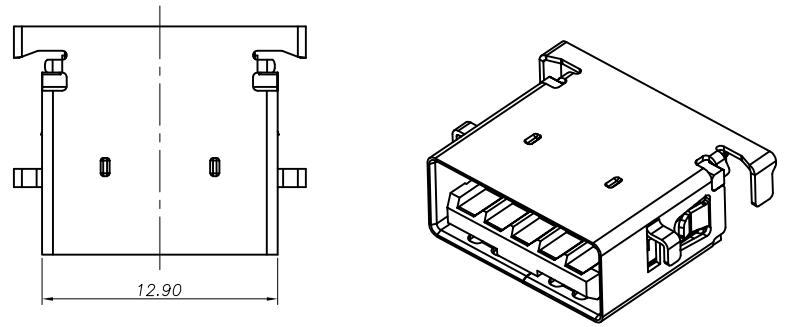


RoHS Compliant

REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



NOTE:  
 1.MATERIAL SPECIFICATION:  
 1.HOUSING:LCP UL 94 V-0  
 2.CONTACTS: COPPER ALLOY(C5191)  
 3.FRONT SHELL: STAINLESS STEEL(SUS201)  
 2.PLATING SPECIFICATION:  
 2-1.TERMINAL:  
 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  
 2-2.FRONT SHELL:  
 Ni 30u" MIN. UNDER PLATED OVER ALL.  
 3.MECHANICAL PERFORMANCE,  
 3-1.INSERTION FORCE: 3.5Kgf MAX  
 3-2.REMOVAL FORCE: 1.02kgf MIN  
 3-3.DURABILITY: 1500 CYCLES.  
 4.ELECTRICAL PERFORMANCE,  
 4-1.CURRENT RATING:  
 VBUS & GND PINS: 1.8A MAX.  
 OTHER PINS: 0.25A MAX.  
 4-2. LLCR:  
 VBUS & GND PINS AND OTHER PINS: 30mΩ/PIN MAX.  
 SHIELD: 50mΩ/MAX.  
 LLCR MAX. CHANGE OF ALL PINS: 10mΩ.  
 4-3.INSULATION RESISTANCE: 100MΩ MIN  
 4-4.DIELECTRIC WITHSTAND VOLTAGE,DC 100V FOR 1 MINUTE.  
 5. ENVIRONMENTAL PERFORMANCE:  
 OPERATING TEMPERATURE: -25°C~+85°C.  
 6.IR REFLOW:  
 THE PEAK TEMPERATURE ON THE BOARD SHALL  
 BE MAINTAINED FOR 10 SECONDS AT 260°C.

PART NO. INFORMATION

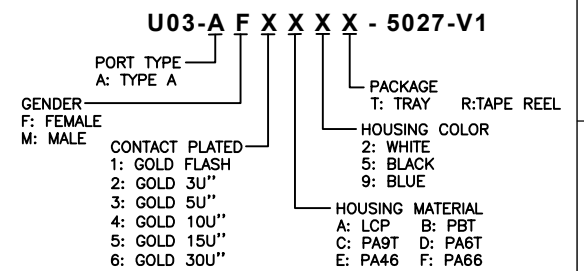


TABLE 1

ITEM	P/N	HOUSING COLOR	FUNCTIONAL AREA	SOLDER AREA	SHELL PLATING
2	U03-AFXA9X-5027	LCP BLUE	Au:1u"	Sn	Ni
1	U03-AFXA9X-5027	LCP BLACK	Au:1u"	Sn	Ni

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TOLERANCES UNLESS OTHERWISE SPECIFIED:  
 X. ± 0.30 X' ± 10'  
 .X ± 0.20 .X' ± 8'  
 .XX ± 0.10 .XX' ± 5'

DESIGN: I. L DATE: 2017. 3. 1  
 CHECKED: C. W DATE: 2017. 3. 1  
 APPROVED: C. W DATE: 2017. 3. 1

TITLE: USB 3.0 AF(L=12.50) MID MOUNT CH=1.34  
 MATERILA: PART NO: U03-AFXAXX-5027-V1 SIZE: A4  
 FINSH: DWG NO: U03-AFXAXX-5027-V1 SHEET: 1 OF 3

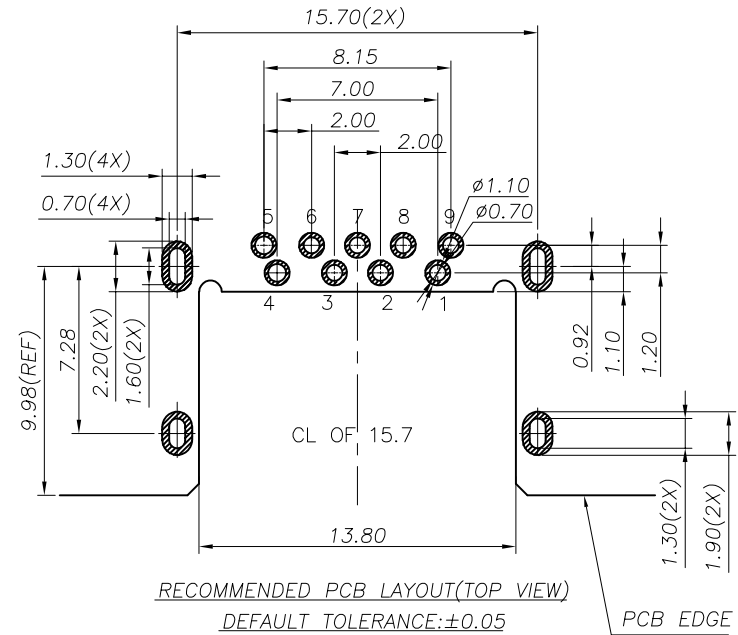
REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS Website: www.bsc-elec.com E-mail: bestcreate@bsc-elec.com

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REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN

USB 3.0 PIN ASSIGNMENTS

Pin #	SIGNAL NAME	DESCRIPTION	MATING SEQUENCE
1	VBUS	POWER	SECOND
2	D-	USB 2.0 DIFFERENTIAL PAIR	THIRD
3	D+		
4	GND	GROUND FOR POWER RETURN	SECOND
5	StdA_SSRX-	SUPERSPEED RECEIVER DIFFERENTIAL PAIR	LAST
6	StdA_SSRX+		
7	GND_DRAIN	GROUND FOR SIGNAL RETURN	
8	StdA_SSTX-	SUPERSPEED TRANSMITTER DIFFERENTIAL PAIR	
9	StdA_SSTX+		
Shell	Shield	CONNECTOR METAL SHELL	FRIST



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TOLERANCES UNLESS OTHERWISE SPECIFIED:

X.	± 0.30	X.*	± 3*
.X	± 0.20	.X*	± 2*
.XX	± 0.15	.XX*	± 1*

Website: [www.bsc-elec.com](http://www.bsc-elec.com)

E-mail: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

DESIGN: I. L DATE: 2017. 3. 1

CHECKED: C. W DATE: 2017. 3. 1

APPROVED: C. W DATE: 2017. 3. 1

TITLE: USB 3.0 AF(L=12.50) MID MOUNT CH=1.34

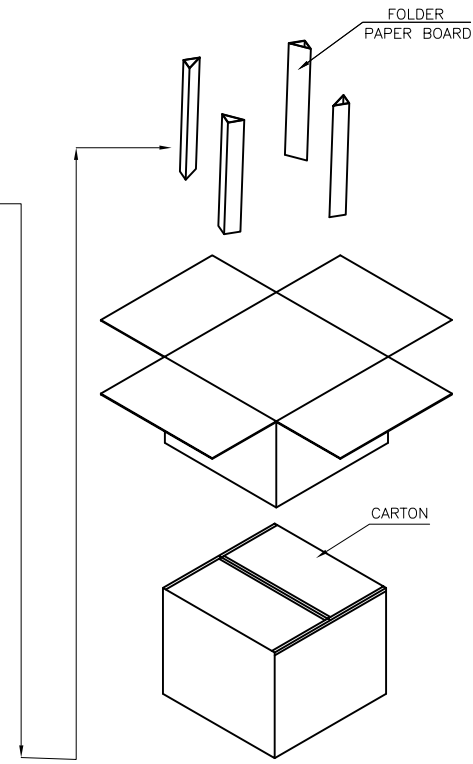
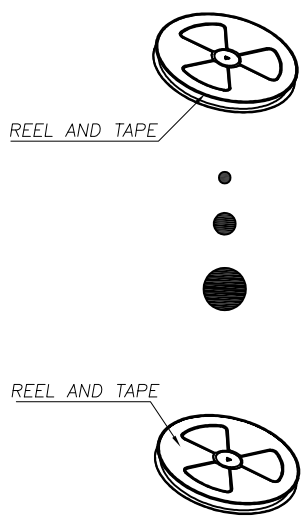
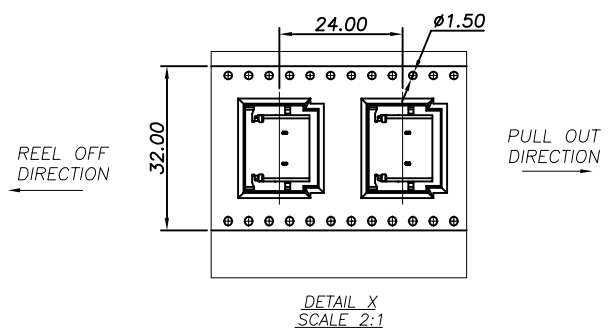
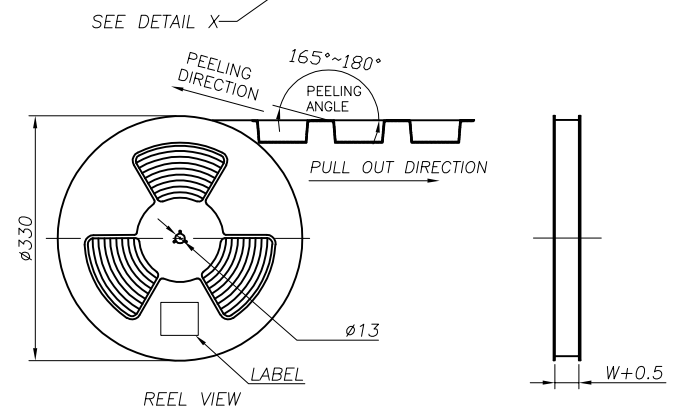
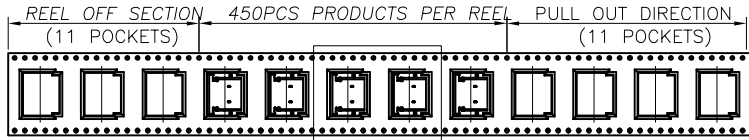
MATERILA: PART NO: U03-AFXAXX-5027-V1 SIZE: A4

FINSH: DWG NO: U03-AFXAXX-5027-V1 SHEET: 2 OF 3

REV: A UNIT mm SCALE 1=1 QUALITY SYMBOLS

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REVISIONS			
REV.	DESCRIPTION	DATE	DESIGN



	REEL/TRAY	CARTON
CONNECTOR (PCS)	450	3600

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TOLERANCES UNLESS OTHERWISE SPECIFIED:			
X.	± 0.30	X.'	± 10'
.X	± 0.20	.X'	± 8'
.XX	± 0.10	.XX'	± 5'

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E-mail: [bestcreate@bsc-elec.com](mailto:bestcreate@bsc-elec.com)

DESIGN:	I. L	DATE:	2017. 3. 1
CHECKED:	C. W	DATE:	2017. 3. 1
APPROVED:	C. W	DATE:	2017. 3. 1

TITLE:			USB 3.0 AF(L=12.50) MID MOUNT CH=1.34
MATERILA:	PART NO:	SIZE:	A4
FINSH:	DWG NO:	SHEET:	3 OF 3

REV:	A	UNIT:	mm	SCALE:	1=1	QUALITY SYMBOLS:	
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