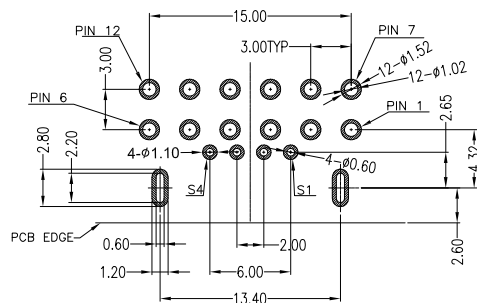
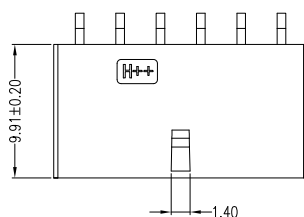
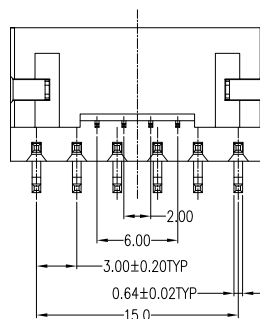
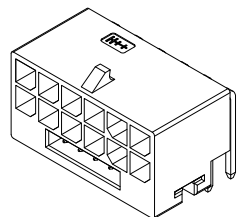
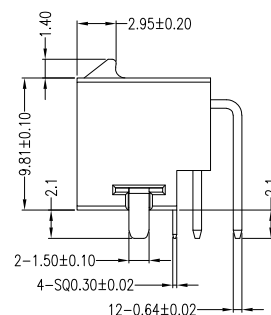
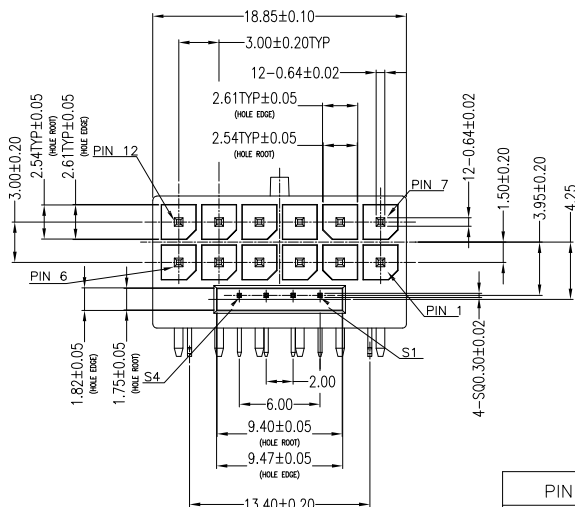
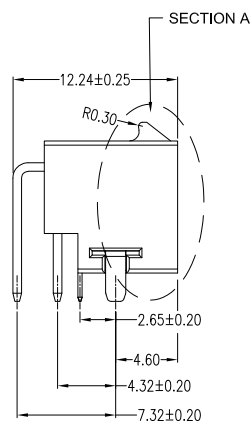


SECTION A



RECOMMEND PCB LAYOUT
TOLERANCE: ±0.05
TOP VIEW



PIN NO.	PIN SIGNAL
PIN 1~6	PWR PIN
PIN 7~12	GND PIN
S1	CARD_PWR_STABLE
S2	CARD_CBL_PRES#
S3	SENSE0
S4	SENSE1

NOTES:

1. Material:

Housing: PA9T, UL 94V-0 Rated.
Color: Black Color.
Power and GND Contacts: Brass, C1100.
Plating: Tin Plating Over All,
Nickel Under Plating Over All.
Signal Contacts: Brass, C2680.
Plating: Tin Plating Over All,
Nickel Under Plating Over All.
Board Lock: SUS201.
Plating: Tin Plating Over All,
Nickel Under Plating Over All.

2. Electrical Specification:

Current Rating: 9.2A per Pin (Power & GND Pins)
1.0A per Pin (Signal Pins)
Voltage Rating: 12V DC.
Contact Resistance: 6mΩ Max Initial(Power & GND Pins).
10mΩ Max Initial(Signal Pins).
Insulation Resistance: 1000MΩ Min at 500V DC.
Dielectric Withstanding Voltage:
1500V AC R.M.S for One Minute(Power & GND Pins).
500V AC R.M.S for One Minute(Signal Pins).

3. Environmental:

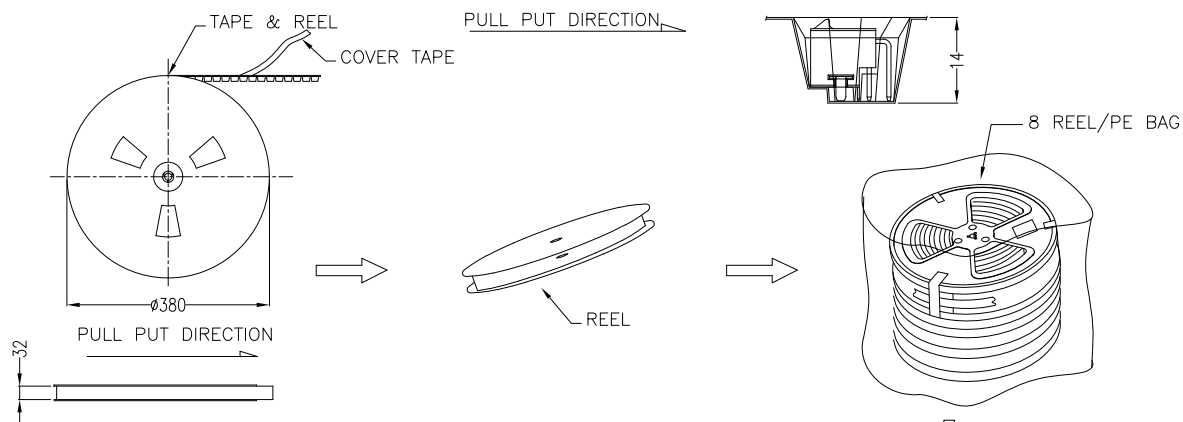
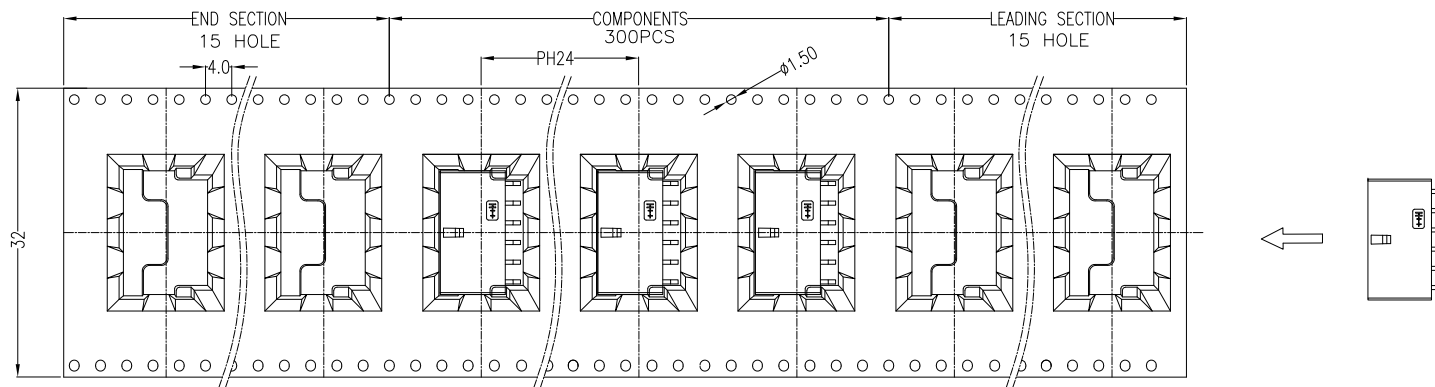
Operating Temperature: -40°C to +105°C.
Resistance to Soldering Heat: 260°C for 10 Seconds.

Part Number:

CATX-M16VDT0-3C

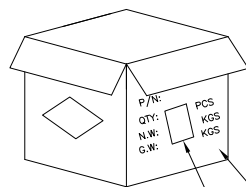
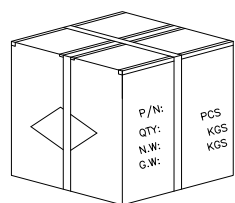
ATX Power Series
M: Male Type
16: 16Pins
(2x6P+4P)
V: Vertical Type
3C: ATX3.1 Power H++
PCIe 6.0 12V 2x6
Right Angle DIP
0: Black Color
T: Tin Plating
D: DIP Type

A	06/25/24	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		 凱聯科技股份有限公司 Conn-Link Technology Inc.	
DECIMALS	ANGLES		
.X ± .38	± 3°		
.XX ± .25			
.XXX ± .20			
DO NOT SCALE DRAWING		SHEET 1 OF 2	SCALE NONE
		DWG. NO.	CATX-M16-03C
		REV.	A



REMARK:

1. STANDARD PACKAGE: 300PCS PER REEL.
2. CARTON PACKAGE: 8REELS PER CARTON.(2,400PCS/CTN)
3. LABEL: BASED ON CUSTOMER LABEL.



CARTON LABEL

A	06/25/24	RELEASED FOR PRODUCTION	
REV	DATE	DESCRIPTION	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MM TOLERANCES ARE:		 凱聯科技股份有限公司 Conn-Link Technology Inc.	
DECIMALS	ANGLES		
.X ± .38	± 3°		
.XX ± .25			
.XXX ± .20			
DO NOT SCALE DRAWING		DESCRIPTION	ATX3.1 H++ PCI Express 6.0 12V-2x6 Auxiliary Power
		3.0mm 2x6Pins with 2.0mm 4Pins, R/A, Standard, H=9.81mm, PA9T	
		SCALE	NONE
		DWG. NO.	CATX-M16-03C-PK
		REV.	A