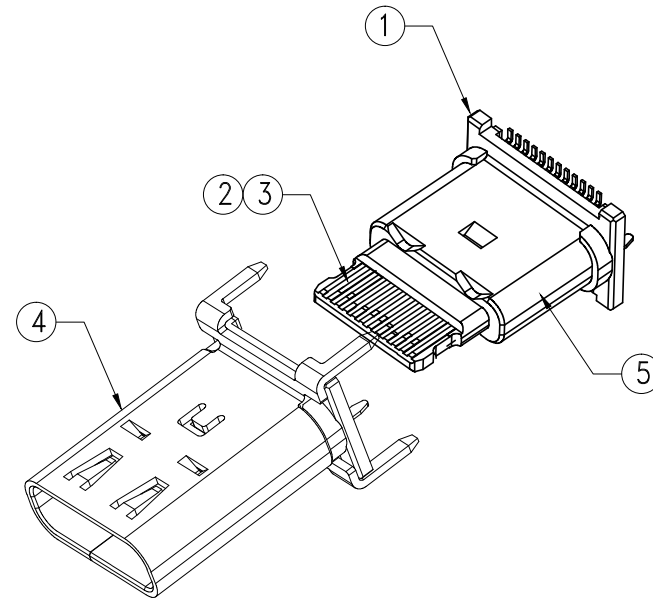
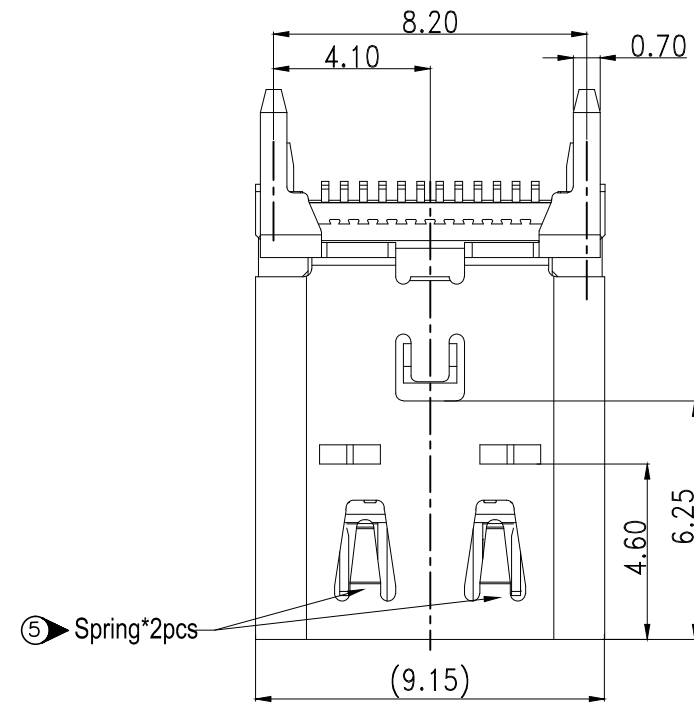


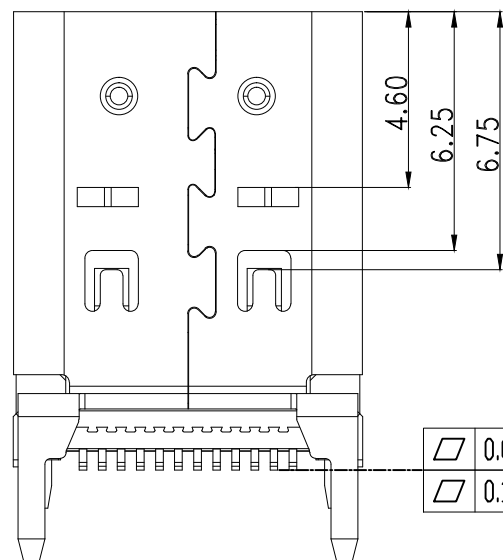
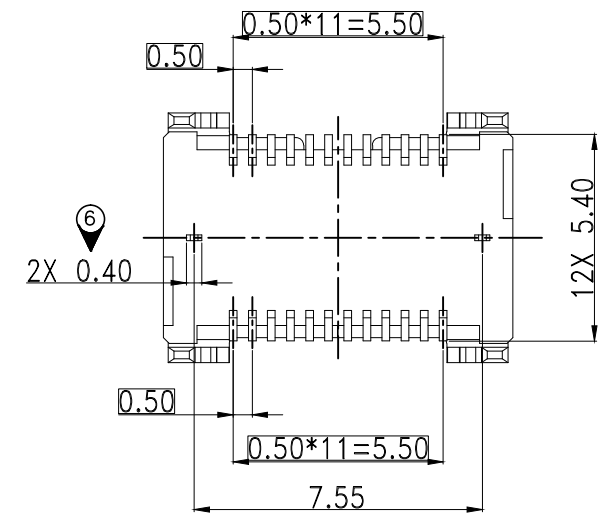
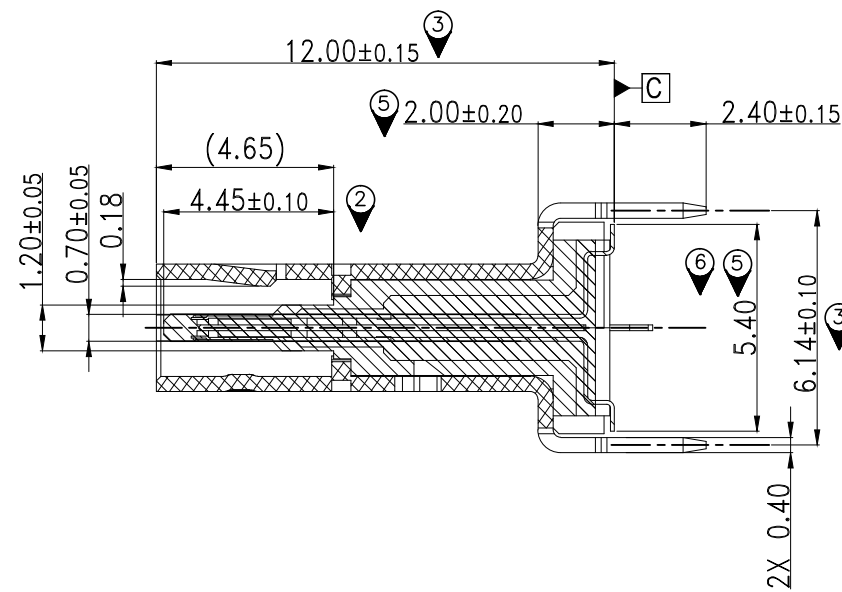
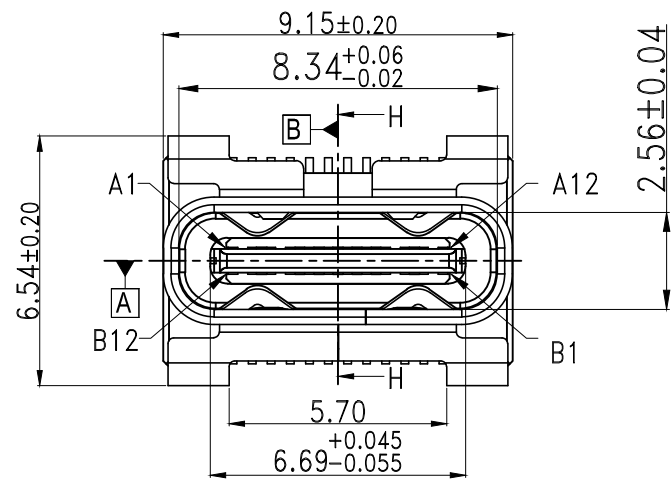
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CUSTOMER DRAWING

REVISIONS				
SYM	ECN	DESCRIPTION	DATE	APPROVED
1	1903****	FIRST RELEASE	2019.03.06	Michael.ip
2	1904****	Add tongue to iron case opening dimensions	2019.04.22	Michael.ip
3	1905****	Increase the size of the iron shell foot position	2019.05.07	Michael.ip
4	1905****	Update package drawing	2019.05.07	Michael.ip
5	1906****	Extended the length dimension of solder tail; Modify the dimension 2.0±0.20; add the spring structure.	2019.06.28	Michael.ip
6	1907****	Change the length dimension of solder tail; Modify the solder width of mid plate.	2019.07.11	Michael.ip



Pin No	Signal Name	Mating Sequence	Pin No	Signal Name	Mating Sequence
A1	GND	First	B12	GND	First
A2	TX1+	Second	B11	RX1+	Second
A3	TX1-	Second	B10	RX1-	Second
A4	VBUS	First	B9	VBUS	First
A5	CC1	Second	B8	SBU2	Second
A6	D+	Second	B7	D-	Second
A7	D-	Second	B6	D+	Second
A8	SBU1	Second	B5	CC2	Second
A9	VBUS	First	B4	VBUS	First
A10	RX2-	Second	B3	TX2-	Second
A11	RX2+	Second	B2	TX2+	Second
A12	GND	First	B1	GND	First



- 0.08 24X SMT Tails (Before IR)
- 0.10 24X SMT Tails (After IR)



Item	Description	Q'TY	Material	
6	Cap	1	High Temperature Plastic	Black,UL 94V-0
5	Mid Plate	1	Stainless Steel	Nickel : 50u" min
4	Main Shell	1	Stainless Steel	Solder Nickel : 50u" min
3	Bottom Terminal	1	Copper Alloy	See NOTES
2	Top Terminal	1	Copper Alloy	See NOTES
1	Molding Housing	1	High Temperature Plastic	Black,UL 94V-0

Bill Of Material

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL		DATE
U.S. METRIC		DRAWN Allan.Lai		07/11/19
.X	+/- 0.50	CHECKED Michael.Qin		07/11/19
.XX	+/- 0.15	CHECKED Michael.Qin		
.XXX	+/- 0.10	DRAWING FILE :		
FRACTIONS +/-	3°	ANGLE OF PROJECTION		
ANGLES +/-		REMOVE SHARP EDGES		
FOR MATERIALS AND FINISHES SEE NOTES		DIMENSIONS		
U.S. INCHES		U.S. INCHES		
(METRIC) (MM)		(METRIC) (MM)		

Amphenol
Amphenol East Asia Limited

TITLE Customer Drawing For
USB 3.1 ,Type C socket connector,
Vertical type, L=12mm, No Water proof

SIZE	DRAWING NO.	REV.
A3	C 12401951	6

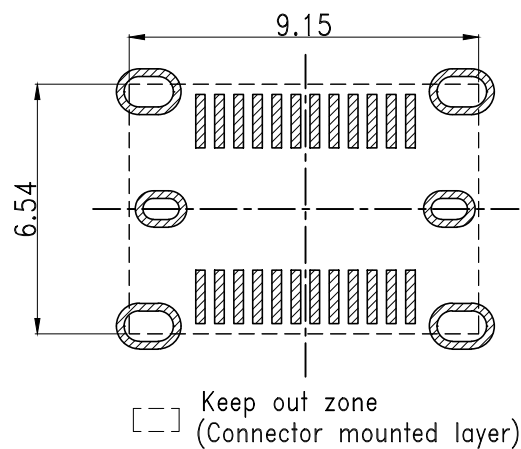
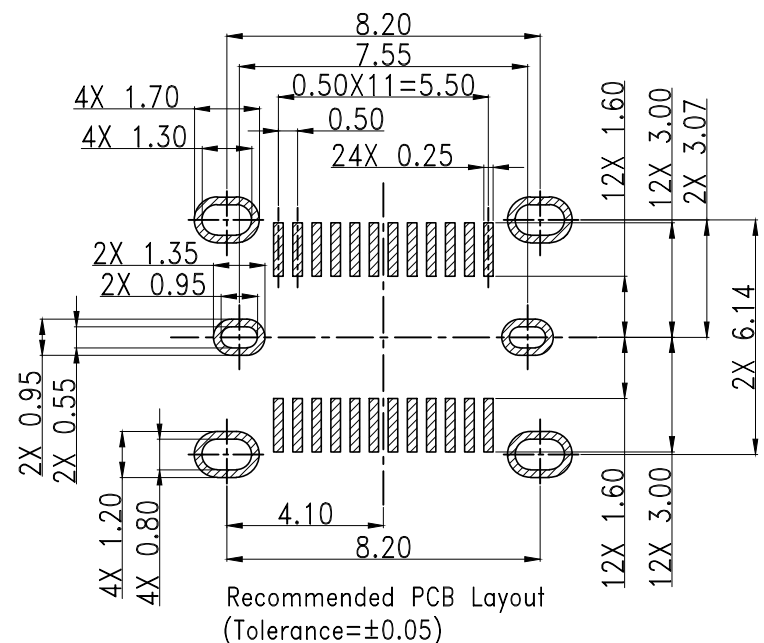
SCALE NONE SHEET 1 OF 2

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CUSTOMER DRAWING

REVISIONS

SYM	ECN	DESCRIPTION	DATE	APPROVED
		please see sheet 1/2		



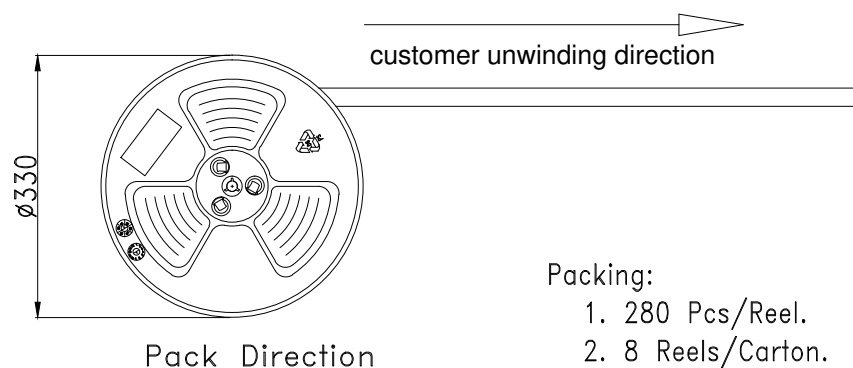
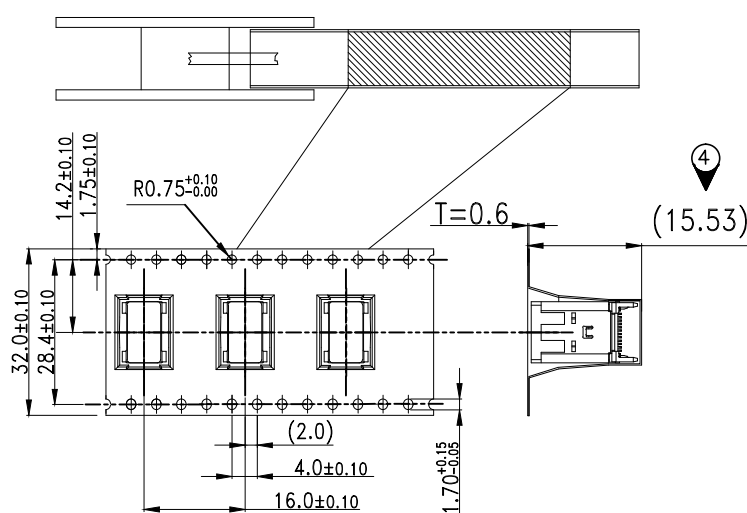
NOTES:

- Material : See Bill Of Material
- Waterproof : No Waterproof
- Electrical Characteristics:
Low Level Contact Resistance: 40mΩ Max
Insulation resistance :100MΩ Min
Dielectric Withstanding Voltage:100 VAC
Contact Current Rating ::5A Max
- Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: 8~20N
After Durability Extraction Force: 6~20N
- Durability: 10000 Cycles
- Packaging Type: Carrier Reel.
- Material Should Be Fulfilled Amphenol SPEC# SSN002
And Customer Requirements, For HALOGEN FREE Products,
Also Need To Meet SSN004
- Part Number:12401951XX12A

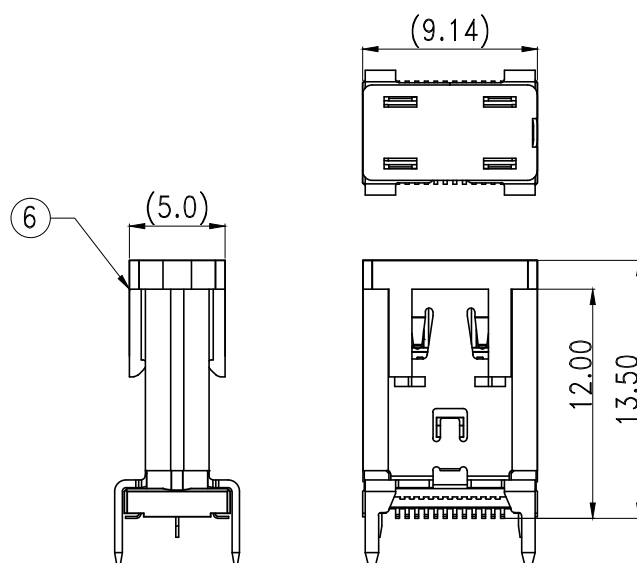
Plating Spec: _____

E4: Mating Area: Au 30u" Min
Solder Area: 100u" Min Matte Tin
50u"Min Nickel Under Plating Over All

A:HF
Package Spec.
2:Reel
Date Code Description
1:With D/C



Packing:
1. 280 Pcs/Reel.
2. 8 Reels/Carton.



Packing quantity:

UNLESS OTHERWISE SPECIFIED TOLERANCES		APPROVAL	DATE	Amphenol Amphenol East Asia Limited
	U.S. METRIC	Michael.Qin	07/11/19	
.X	+/- 0.50	Michael.Qin	07/11/19	TITLE Customer Drawing For USB 3.1 ,Type C socket connector, Vertical type, L=12mm, No Water proof
.XX	+/- 0.25			
.XXX	+/- 0.10			SIZE DRAWING NO. REV. A3 C 12401951 6
FRACTIONS +/-	3°			SCALE NONE SHEET 2 OF 2
ANGLES +/-				
FOR MATERIALS AND FINISHES SEE NOTES		DRAWING FILE :		
REMOVE SHARP EDGES		ANGLE OF PROJECTION		
DIMENSIONS				
U.S.	INCHES			
(METRIC)	(MM)			