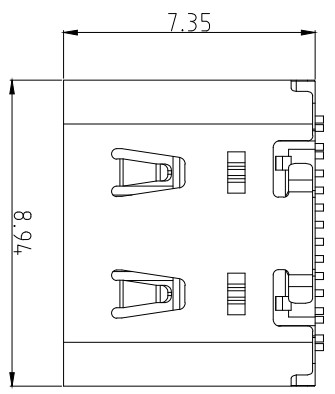


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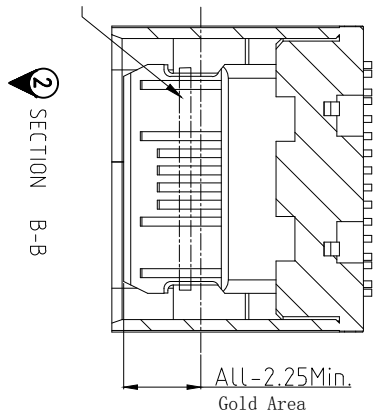
CUSTOMER DRAWING

REVISIONS

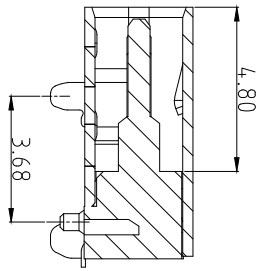
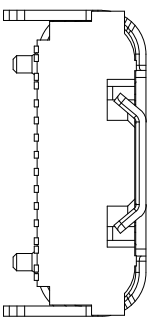
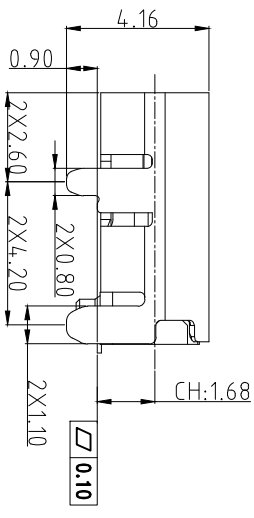
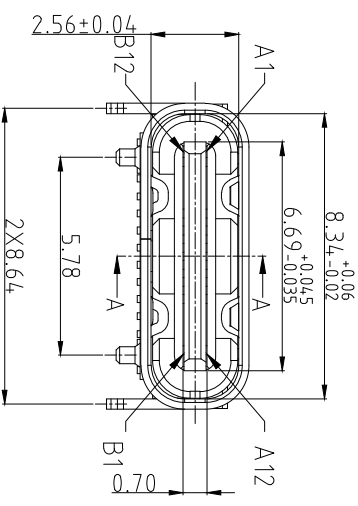
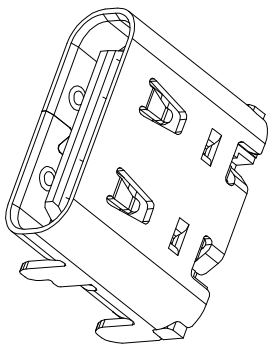
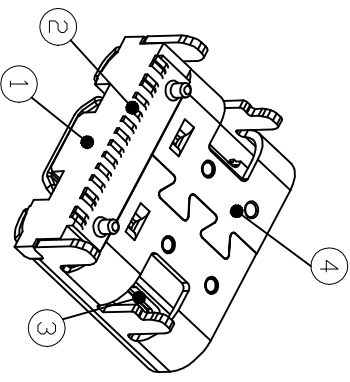
SYM	ECON	DESCRIPTION	DATE	APPROVED
1		NEW RELEASE	2020.01.02	Tom
2		Add Mating Gold Area Dimensions	2020.03.06	Tom
3		Cancel escape slot	2020.06.24	Tom
4		Add PCB Edge Dimensions	2020.07.10	Tom



Plug contact area



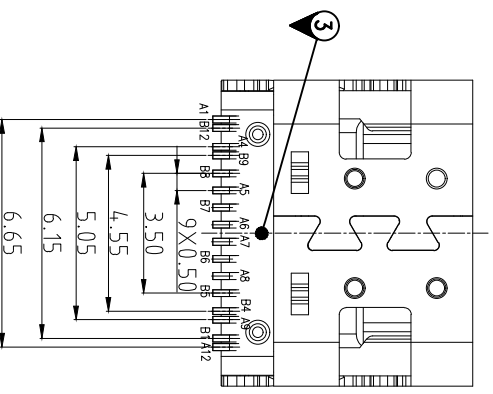
SECTION B-B



SECTION A-A

USB TYPE-C PIN ASSIGNMENTS:

A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND		Vbus	CC1	D+	D-	SBU1	Vbus				GND
GND		Vbus	SBU2	D-	D+	CC1	Vbus				GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1



ITEM	DESCRIPTION	QTY	MATERIAL	FINISH
4	SHELL	1	STAINLESS STEEL	500" NICKEL OVERBALL
3	MID PLATE	1	STAINLESS STEEL	500" NICKEL OVERBALL
2	TERMINAL	1	COPPER ALLOY	MATING SIDE: Gold Flash; 500" NICKEL OVERBALL. SOLDER TAIL: Gold Flash; 500" NICKEL OVERBALL.
1	MAIN HOUSING	1	HIGH TEMPERATURE MATERIAL	

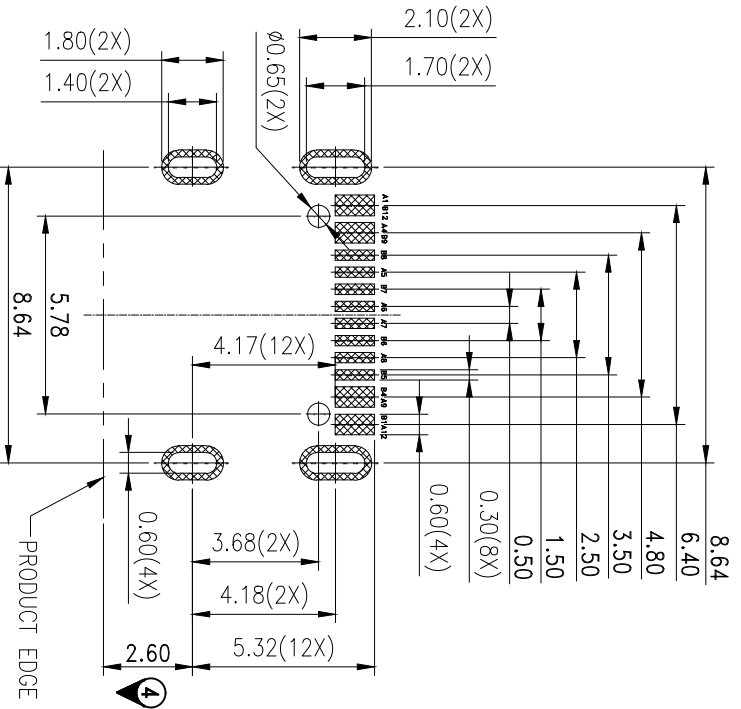
BILL OF MATERIAL

UNLESS OTHERWISE SPECIFIED	TOLERANCES	APPROVAL	DATE
U.S.	METRIC	DRAWN	07/15/20
+	0.50	CHECKED	07/15/20
X	0.15		
XX	0.10		
XXX	0.05		
ANGLES	3°		
FOR MATERIALS AND FINISHES			
SEE NOTES			
REMOVE SHARP EDGES			
DIMENSIONS			
U.S.	INCHES		
(METRIC)	(MM)		

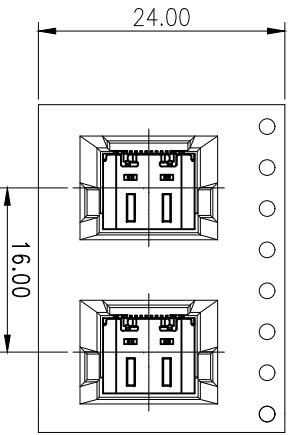
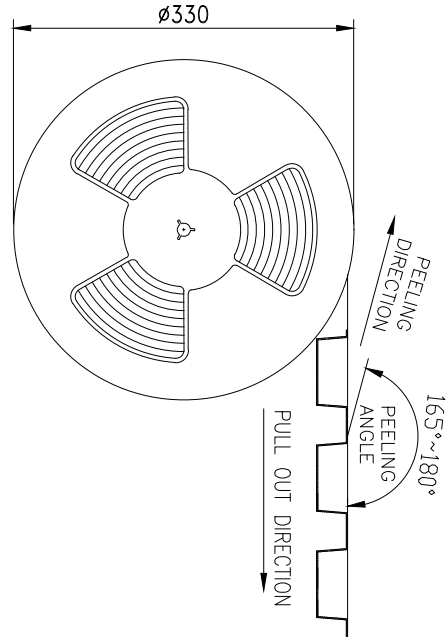
SCALE	TITLE	SIZE	REV
NONE	Customer Drawing For USB TYPE C 2.0 Top Mount	A3	4
SHEET 1 OF 2	Amphenol East Asia Limited		

CUSTOMER DRAWING

REVISIONS		DATE	APPROVED
1	NEW RELEASE	2020.01.02	Tom



RECOMMENDED PCB LAYOUT(TOP VIEW)
THICKNESS 0.80MM;DEFAULT TOLERANCE:±0.05



CONNECTOR (PCS)	REEL	CARTON
	800	8000

NOTES:

- 1.Material : See Bill Of Material
- 2.Waterproof : No Waterproof
- 3.Electrical Characteristics:
Low Level Contact Resistance: 40mΩ Max
Insulation resistance :100MΩ Min
Dielectric Withstanding Voltage:100 VAC
Contact Current Rating :5A Max
- 4.Mechanical Characteristics:
Insertion Force: 5~20N
Extraction Force: 8~20N
After Durability Extraction Force: 6~20N
5.Durability: 10000 Cycles
6.Packaging Type: Carrier Reel.
7.Material Should Be Fulfilled Amphenol SPEC# SSN002
And Customer Requirements, For HALOGEN FREE Products,
Also Need To Meet SSN004
8.Part Number:12402012E212A

Plating Spec: _____ A:HF
E2: Mating Area: Gold flash Package Spec.
Solder Area: Gold flash 2:Reel
50u"Min Nickel Under Plating over All Date Code Description
1:Without D/C



UNLESS OTHERWISE SPECIFIED		APPROVAL	DATE	TITLE
TOLERANCES	U.S. METRIC	DRAWN	Mitchell	07/19/20
X +/-	0.30	CHECKED	Mitchell	07/19/20
XX +/-	0.15	DATE		
XXX +/-	0.10	FOR MATERIALS AND FINISHES		
ANGLES 9°/-	3°	REMOVE SHARP EDGES		
SEE NOTES		DRAWING FILE :		
DIMENSIONS	U.S. INCHES	ANGLE OF PROJECTION		
(METRIC)	(MM)			
		SIZE	A3	Customer Drawing For
		SCALE	NONE	USB TYPE C 2.0 Top Mount
		SHEET	2 OF 2	REV 4