

4
This document is the property of Amphenol Corporation and is delivered on the express condition that it is not to be disclosed, reproduced or used, in whole or in part, for manufacture or sale by anyone other than Amphenol Corporation without its prior consent, & that no right is granted to disclose or to use any information in this document.

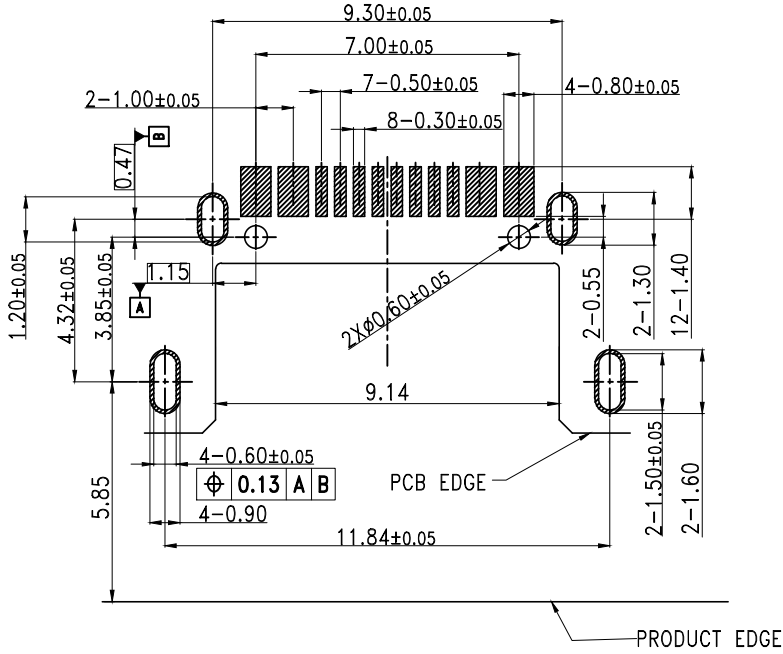
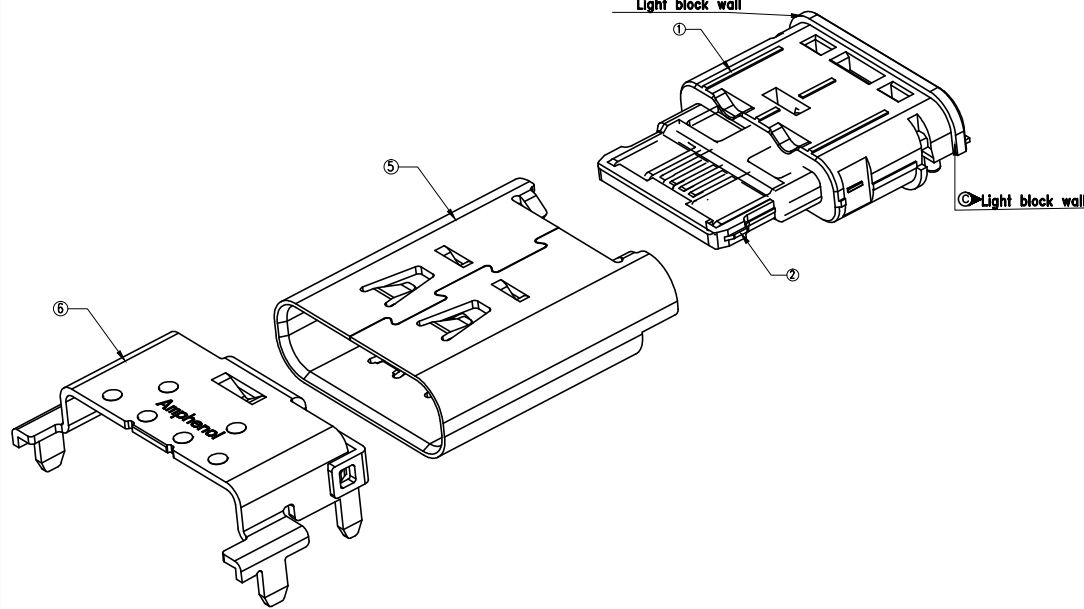
3

2

1

REVISIONS

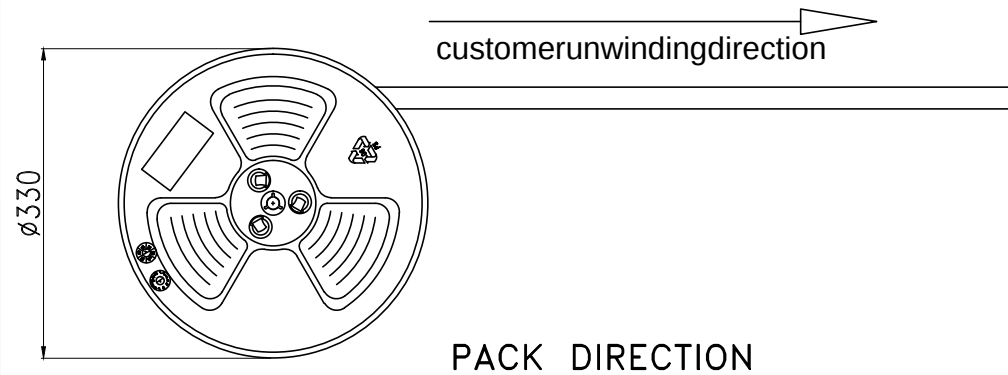
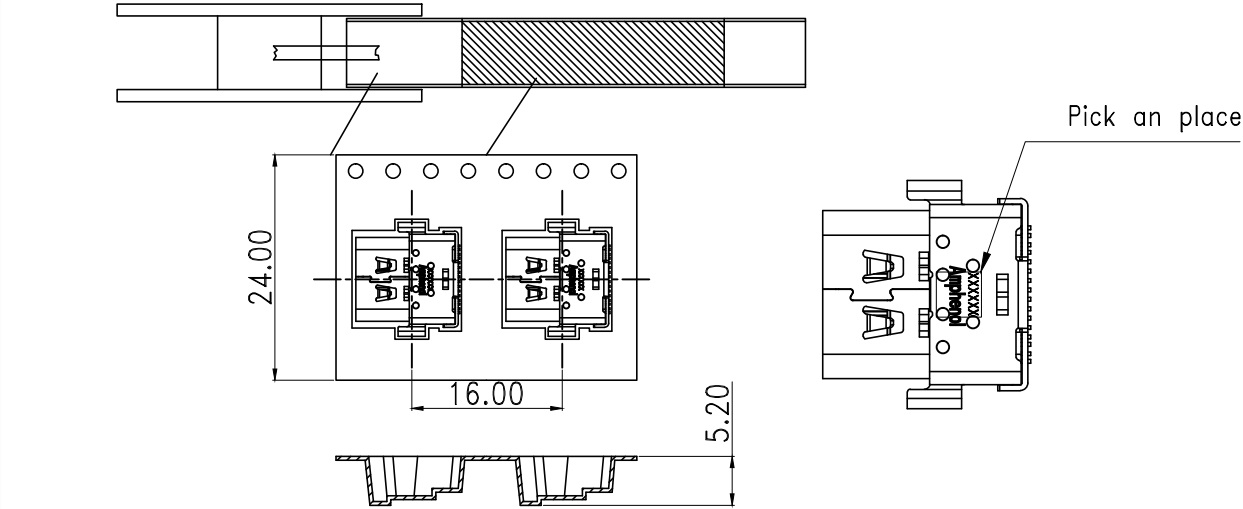
SYM	ECN	DESCRIPTION	DATE	APPROVED
SEE PAGE 1				

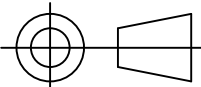


RECOMMENDED PCB LAYOUT
(Tolerance=±0.05)



- Notes:
- Coplanarity : 0.08Max before IR, 0.10Max after IR.(平面度:0.08 Max炉前;0.10 Max炉后).
 - P/N : 12401834E412A.(料号:12401834E412A)
 - Packaging type: carrier tape.(包装:载带包装)
 - 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
 - Solder joint strength 125N min 点焊强度125N min
 - CPK Dimension Marked “☆”.(标示CPK尺寸“☆”)
 - Material should be fulfilled Amphenol spec# SSN002 AND Customer Requirements, for halogen free products, also need to meet SSN004.
(材料必须满足spec# SSN002及客户要求,无卤,以及SSN004文件要求.)



6	OUTER SHELL	32401895K7	1	SUS304-1/2H	SOLDER NICKEL: 50U" MIN
5	INNER SHELL	32401894K7	1	SUS304-1/2H	SOLDER NICKEL: 50U" MIN
4	TOP TERMINAL	32401892E4	1	C1814-H	MATING SIDE:30u" AU MIN; SOLDER TAIL:MATTE TIN 80u"MIN, 50 NICKEL OVERALL.
3	BOTTOM TERMINAL	32401893E4	1	C1814-H	MATING SIDE:30u" AU MIN; SOLDER TAIL:MATTE TIN 80u"MIN, 50 NICKEL OVERALL.
2	MID PLATE	32401896K7	1	SUS301-H	SOLDER NICKEL: 50U" MIN
1	MAIN HOUSING	8240013002A	1	PA46 HFX33S	BLACK UL94V-0
ITEM	DESCRIPTION	PART NO	Q'TY	MATERIAL	FINISH
UNLESS OTHERWISE SPECIFIED		APPROVAL		DATE	Amphenol
TOLERANCES		DRAWN	Huiwen.Liu	09/11/20'	
U.S. METRIC		CHECKED	Michael.Qin	09/11/20'	
.X +/- 0.20		CHECKED		Michael.Qin	
.XX +/- 0.10		DRAWING FILE :			
.XXX +/- 0.05		DRAWINGTYPE-C:12401948_B			
FRACTIONS +/- 1"		ANGLE OF PROJECTION		TITLE USB 2.0 TYPE C CONNECTOR	
ANGLES +/-					
FOR MATERIALS AND FINISHES SEE NOTES					
REMOVE SHARP EDGES					
DIMENSIONS					
U.S. INCHES		SIZE	DRAWING NO.		REV.
(METRIC) (MM)		A3	12401948		B
		SCALE	NONE		SHEET 2 OF 2