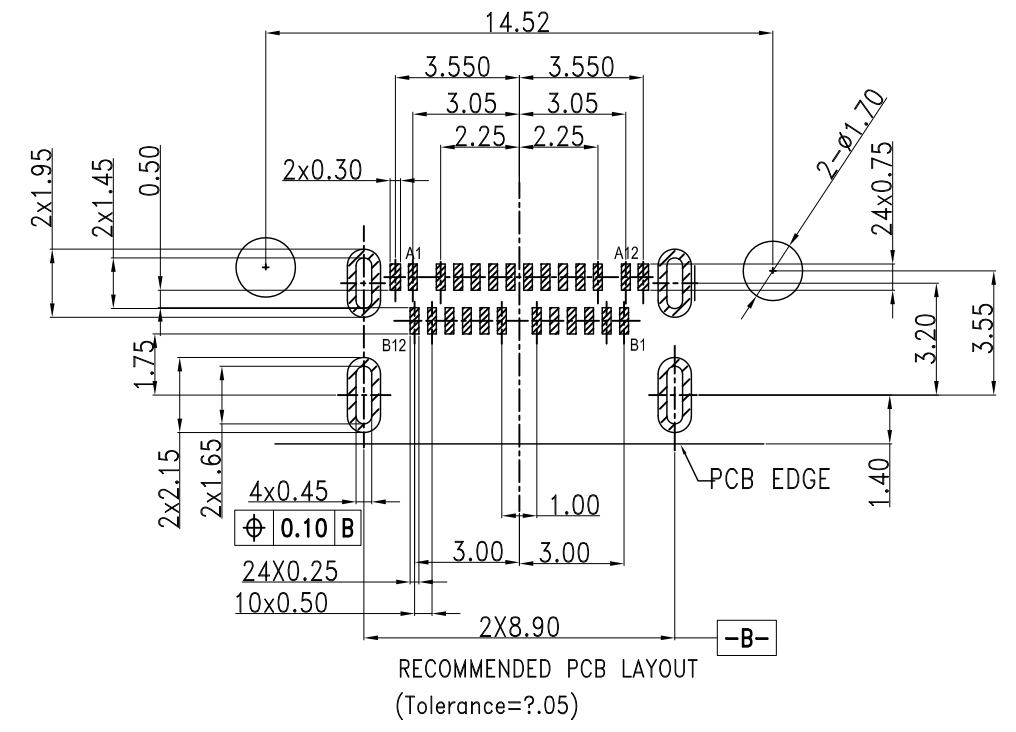


REFERENCE DRAWING

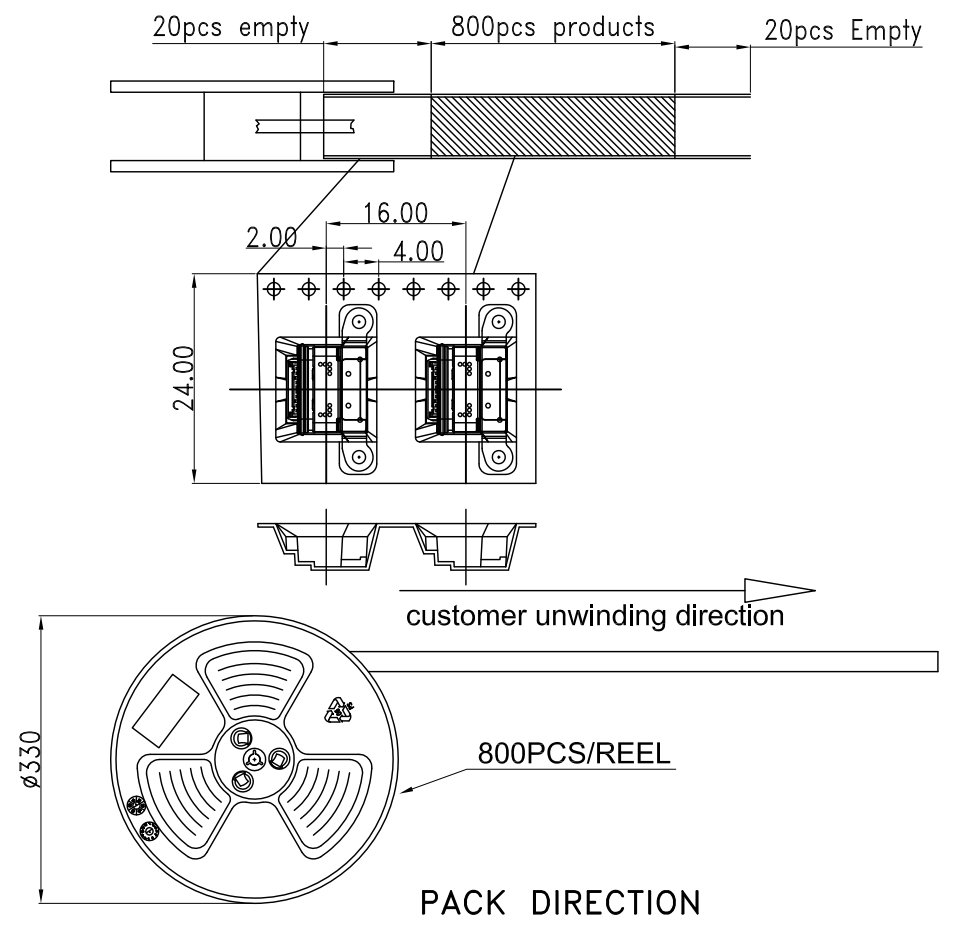
REV.	ECN.NO.	MODIFY.CONTENT	DATE

SEE PAGE 1

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
SHELL	GND		SHELL	GND	



- NOTES:
- 1.MATERIAL :SEE TABLE
 - 2.COPLANARITY : 0.10 Max.
 - 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 TAPE.
 - 7.WATERPROOF LEVEL:IP68
 - 8.USB 3.1 GEN2
 - 9.MATERIAL SHOULD BE FULFILLED AMPHENOL SPEC# SSN002 AND CUSTOMER REQUIREMENTS, FOR HALOGEN FREE PRODUCTS, ALSO NEED TO MEET SSN004



ITEM	DESCRIPTION	Q'TY	MATERIAL	FINISH
9	OUTER SHELL	1	STAINLESS STEEL	CLEAN
8	LIM	1	CHN-IMS-50-A/B	BLACK
7	SMALL SHELL	1	STAINLESS STEEL	CLEAN
6	MAIN SHELL	1	STAINLESS STEEL	CLEAN
5	SUB-SHELL	1	STAINLESS STEEL	SOLDER NICKEL: 50U" MIN
4	TOP TERMINAL	1	COPPER ALLOY	MATING SIDE: Au30u" MIN; SOLDER TAIL: Au3~8u", 80-150u" NICKEL OVERALL.
3	BOTTOM TERMINAL	1	COPPER ALLOY	MATING SIDE: Au30u" MIN; SOLDER TAIL: Au3~8u", 80-150u" NICKEL OVERALL.
2	MID PLATE	1	STAINLESS STEEL	SOLDER NICKEL: 50U" MIN
1	MAIN HOUSING	1	NYLON	BLACK
BILL OF MATERIAL				

GENERAL	TOLERANCE	FILE.NO.	C12401879	PART.NO.	124018792112A	DRAWN	ALEC.LI	MATERIAL		SCALE	1:1
X.±0.50	x.°±5°	REV.	B	TITLE	USB TYPE C CONNECTOR TOP MOUNT(WATERPROOF)	CHECKED	WEISON.LU	DATE	07-31-2018	UNIT	MM
.X±0.38	.x°±2°	SIZE		SHEET	2OF2	APPROVED	TOM	Amphenol Shouhmin Industry			
.XX±0.25	.xx±1°	A4									