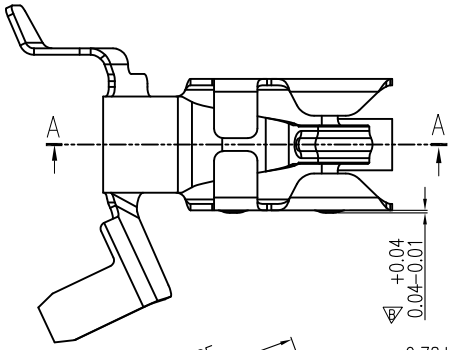
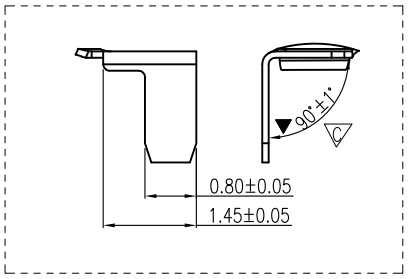
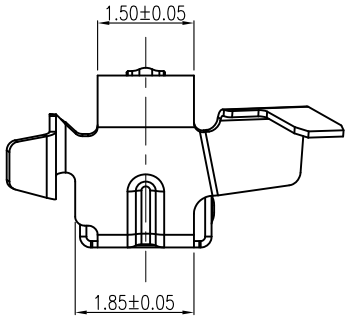
Process Capable | RoHS Compliant 2011/65/EU | Compliant Halogen Free

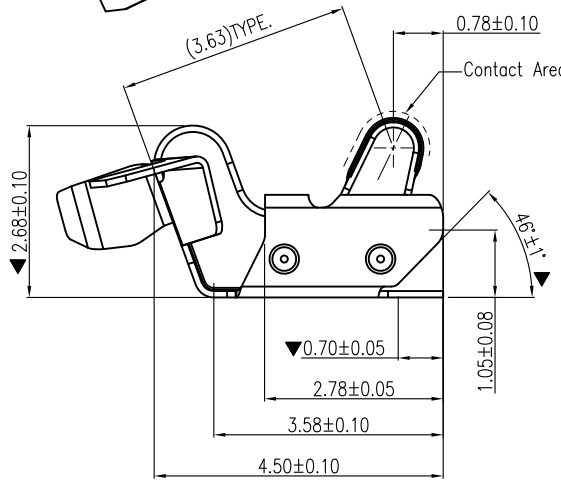
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	NEW RELEASE	Curry	2025.06.03
B	STRUCTURAL DESIGN CHANGE	Yangyuan	2025.07.05
C	INCREASE KEY SIZE CONTROL	Yangyuan	2025.07.16

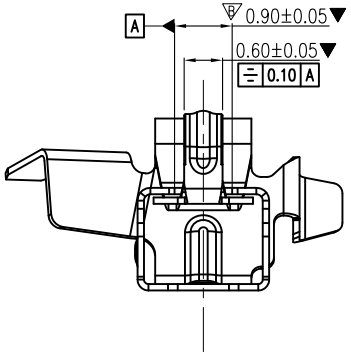


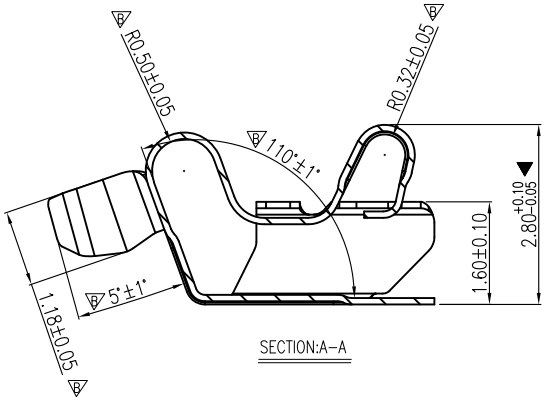


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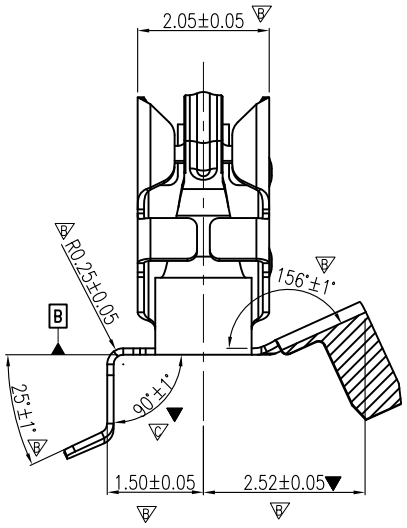




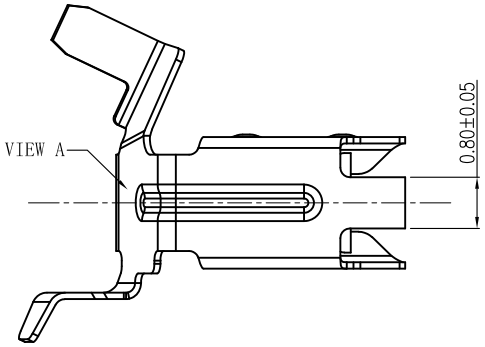




SECTION:A-A



VIEW A



NO.	PART NO.	MATERIAL	NOTE
1	EPR365-01A30-02	STAINLESS STEEL	80u"Ni+Au30u" PLATING ON CONTACT AREA. 50u"Ni PLATING ON BASE AREA. 50u"Ni+Au1u" PLATING ON SOLDER AREA.

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.15
X.XXX :±0.005

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SHENZHEN KRCONN TECHNOLOGY CO. , LTD

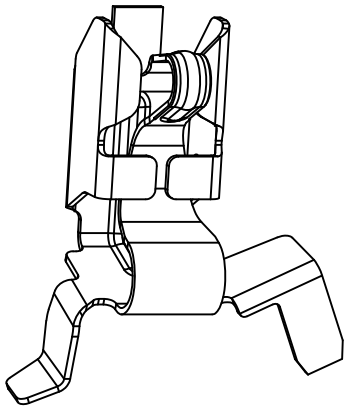
TITLE	Side contact of Earbuds with charging shrapnel			
DWN	Curry.W	PART NO. EPR365-01A30-02		
CHKD	Curry.W	SCALE:1:1	UNIT: mm	
APVD	Kevin.D	SIZE: A4	SHEET: 1/2	REV: C

CUSTOMER DRAW

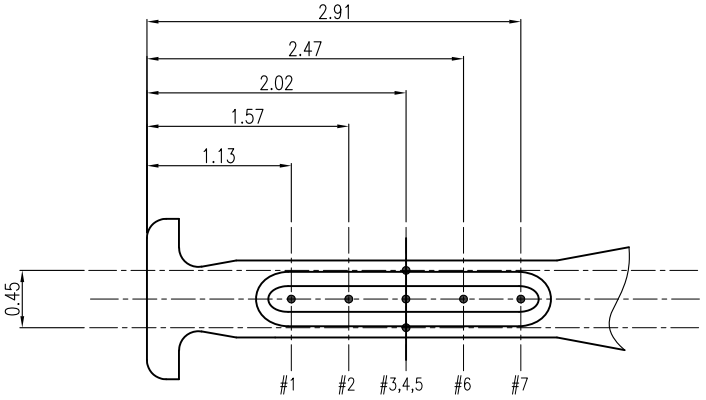
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A	NEW RELEASE	Curry	2025.04.16
B	STRUCTURAL DESIGN CHANGE	Yangyuan	2025.07.05
C	INCREASE KEY SIZE CONTROL	Yangyuan	2025.07.16

Process Capable | RoHS Compliant 2011/65/EU | Compliant Halogen Free

NOTES:
(1)MATERIAL: STAINLESS STEEL,T=0.10mm
(2)FINISH:
2-1:PLATING SPC. SEE BOM TABLE
2-2:NOT WITH TOLERANCE WITCH REFERENCE TO THE TOLERANCE TABLE,NOT ASTANDARD SIZE REFERENCE 3D.
2-3:METAL MASK AND PCB LAYOUT DESIGN SIZE, FOR REFERENCE ONLY, ON THE BASIS OF CUSTOMER ACTUAL DESIGN.
(3)PRODUCT SPECIFICATIONS:
3-1 COURRENT RATING: 1.5A
3-2 RATING VOITEG:5.0V.
3-3 CONTACT RESISTANCE:50mOHM MAX ,
AFTER DURABLITY ENVIRONMENT: △ R=20mOHM
3-4 OPERATION TEMPERATURE: -55°C ~ +85°C
3-5 NORMAL FORCE OF PRESS 0.61MM:33±10gf
(4)DURABILITY:10,000 CYCLES. YIELD NO EXCEED 0.1MM.
(5)DIMENSIONS MARKEDW "▼" IS KEY DIMENSION:
(6)SALT SPRAY TIME: 96H (JUDGED BY ALL OUTSIDE AREA)
(7)COMPLIANT WITH ROHS STANDARD.
(8)PLEASE CONTACT KRCONN SALES REPRESENTATIVE TO VERIFY

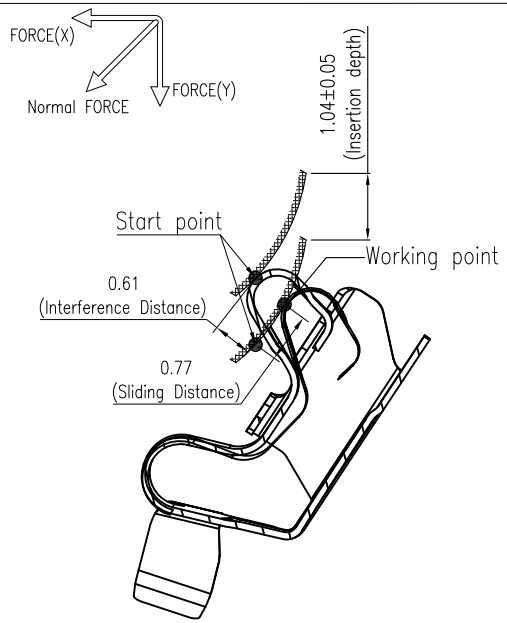


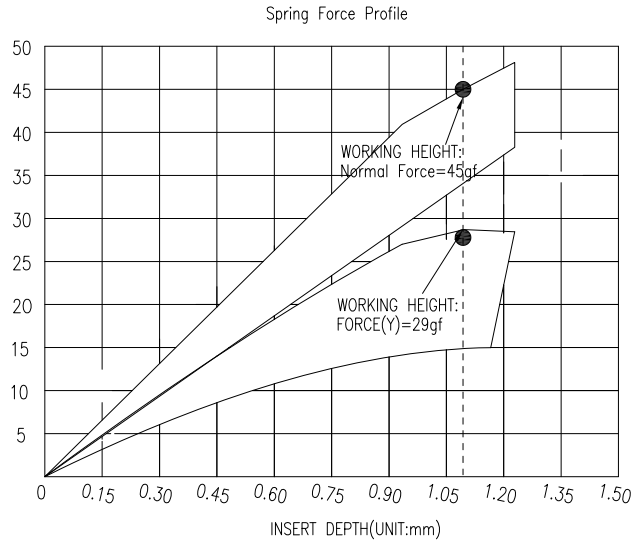
3D VIEW

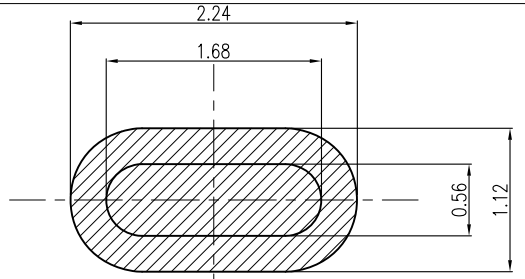


TEST #1: Plating Ni80~200u"+Au20u"
TEST #2,#3,#4,#5,#6: Plating Ni80~200u"+Au30u"
TEST #7: Plating Ni80~200u"+Au20u"

EPR 365 - 01 A30 - 02
PRODUCT ORDER
- On Board Hight (CONTACT POINT)/280=2.80mm
- Materail/1=STAINESS STEEL
- Plating On Contact Area.:SEE THE TABLE
- Servies Number.







RECOMMENDED PCB LAYOUT (TOLERANCE:±0.05)
SCALE 2:1

UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.15
X.XXX :±0.005

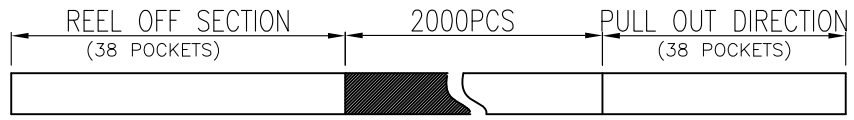
深圳市精睿兴业科技有限公司
SHENZHEN KRCONN TECHNOLOGY CO. , LTD

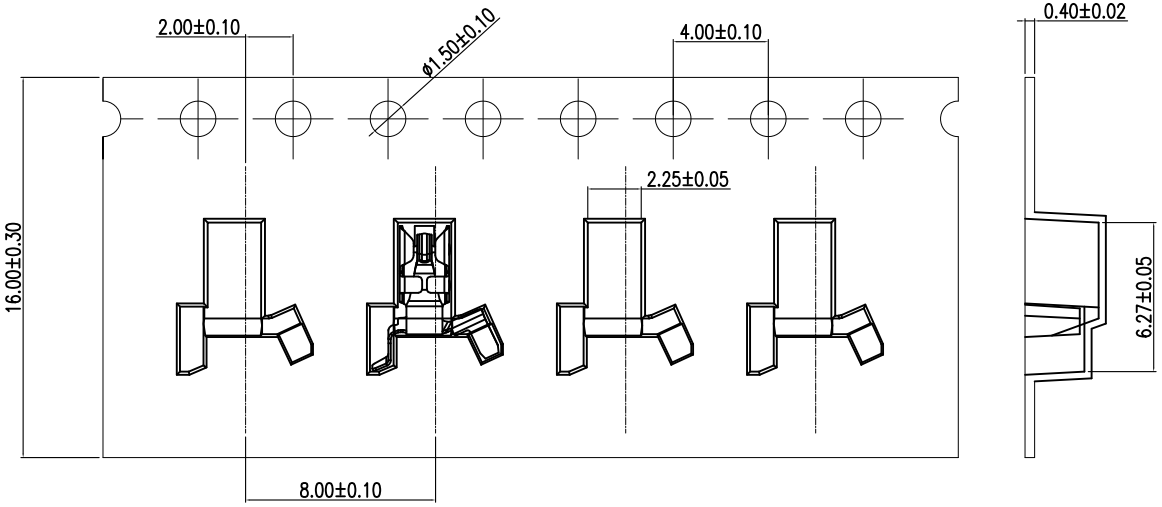
TITLE	Side contact of Earbuds with charging shrapnel			
DWN	Curry.W	PART NO. EPR365-01A30-02		
CHKD	Curry.W	SCALE:1:1	UNIT: mm	
APVD	Kevin.D	SIZE: A4	SHEET: 2/2	REV: C
CUSTOMER DRAW				

Process Capable | RoHS Compliant 2011/65/EU | Compliant Halogen Free

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A0	NEW RELEASE	Curry	2025.06.10
B	STRUCTURAL DESIGN CHANGE	Yangyuan	2025.07.05

CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON	CARTON SIZE
EPR365-01A30-02	1200	18	21600	345x345x340

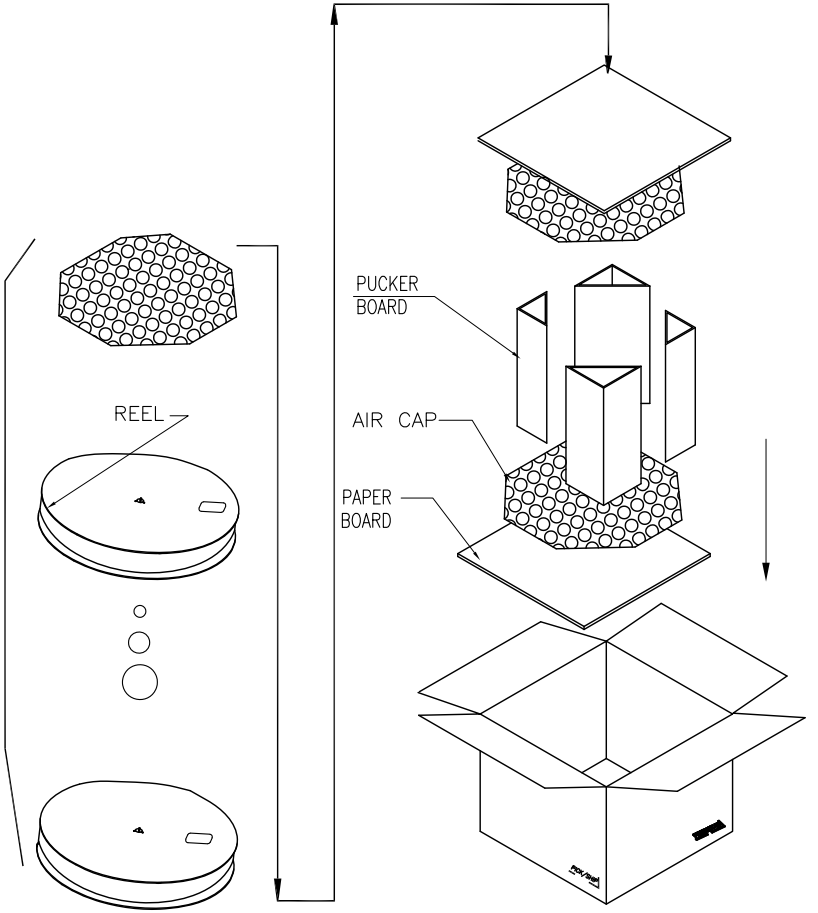


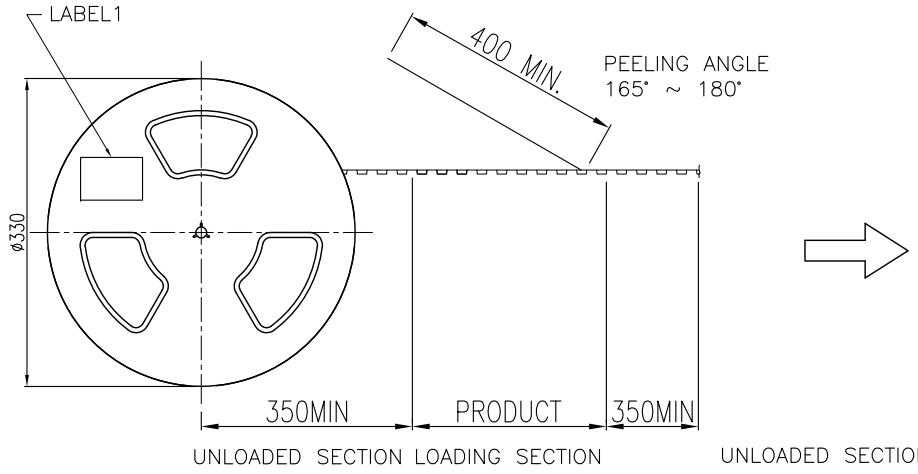


CUSTOMER TO USE DIRECTION

PULL OUT DIRECTION
(出料方向)

TOTAL
18LAYERS





UNLESS OTHERWISE SPECIFED TOLERANCES

DECIMALS: ANGLES:
X :±0.5 X :±2°
X.X :±0.20 X.X :±1°
X.XX :±0.15
X.XXX :±0.005

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TITLE	Side contact of Earbuds with charging shrapnel			
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CHKD	Curry.W	SCALE:1:1	UNIT: mm	
APVD	Kevin.D	SIZE: A4	SHEET: 1/1	REV: B0

CUSTOMER DRAW