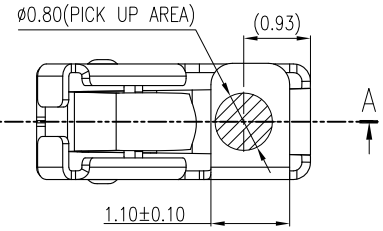
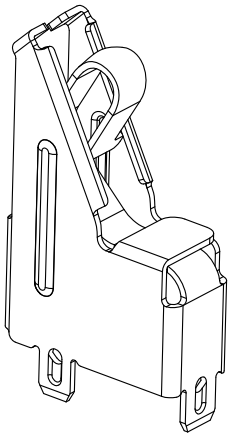
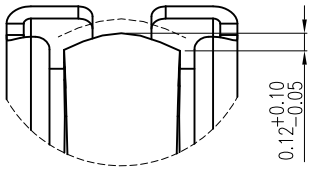
Process Capable | RoHS Compliant 2011/65/EU | Compliant Halogen Free

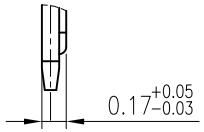
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A0	NEW RELEASE	Curry	2024.10.08



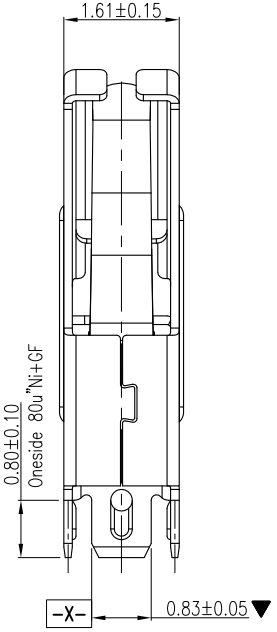


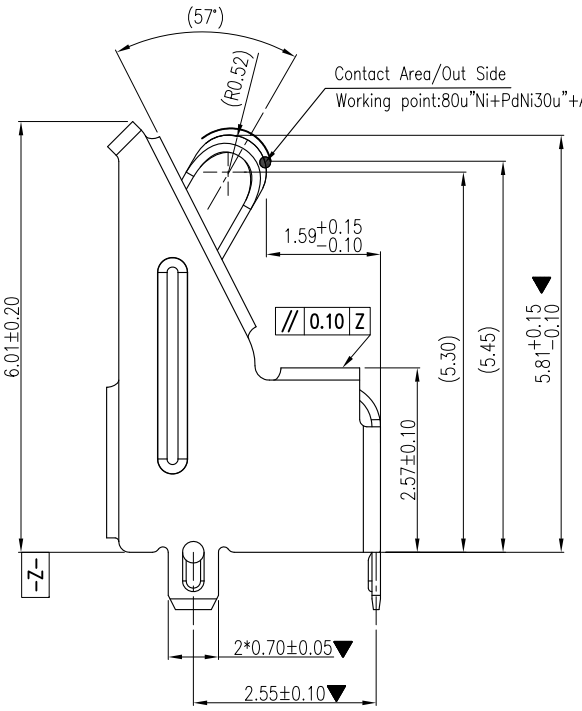


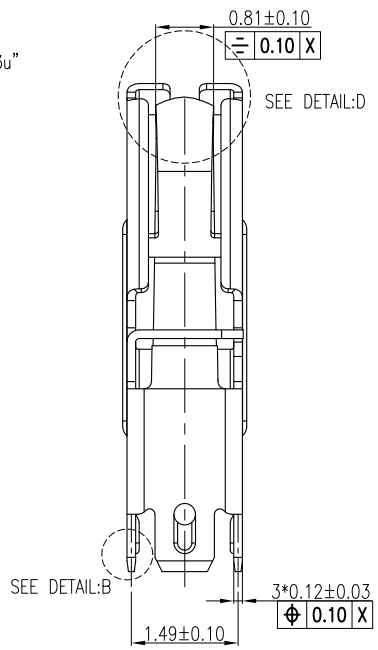
DETAIL:D
SCALE:2/1

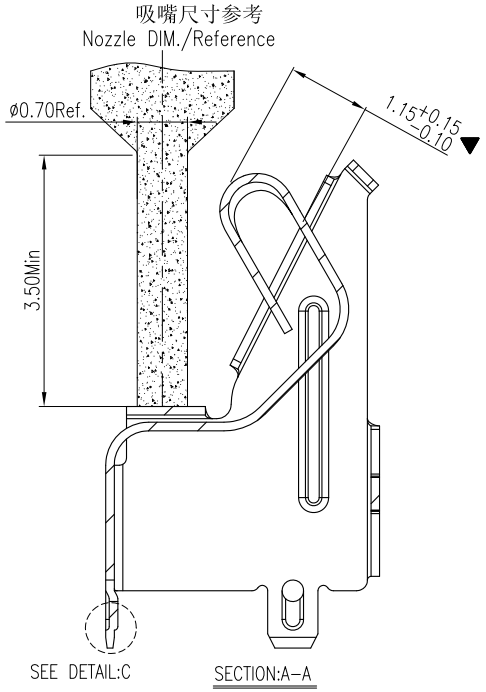


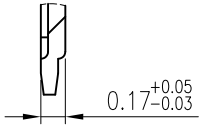
DETAIL:B
SCALE:2/1



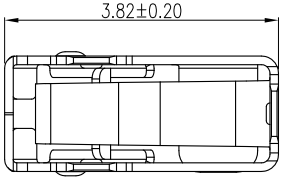








DETAIL:C
SCALE:2/1



NO.	PART NO.	QT'Y	MATERIAL	NOTE
1	EPR530-01C12-01	1	SUS301 1/2H	80u"Ni+PdNi30u"+Au3u" ON CONTACT 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. EPR530-01C12-01	
CHKD	Curry.W	SCALE:1:1	UNIT: mm
APVD	Kevin.D	SIZE: A4	SHEET: 1/2 REV: A0

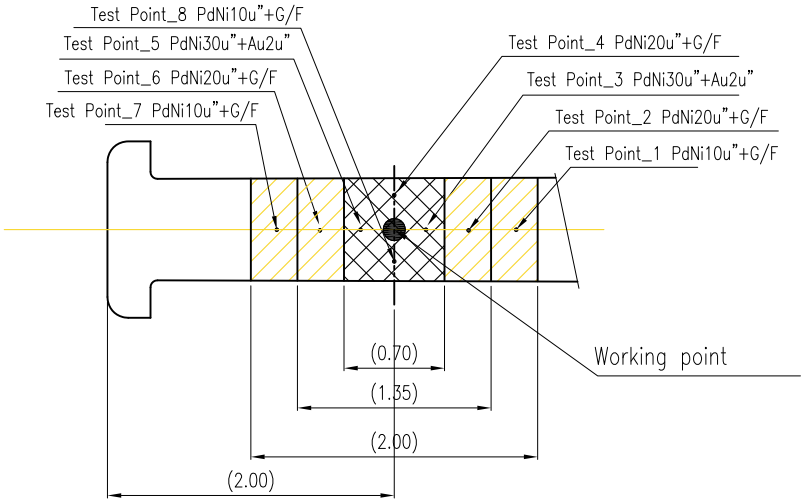
CUSTOMER DRAW

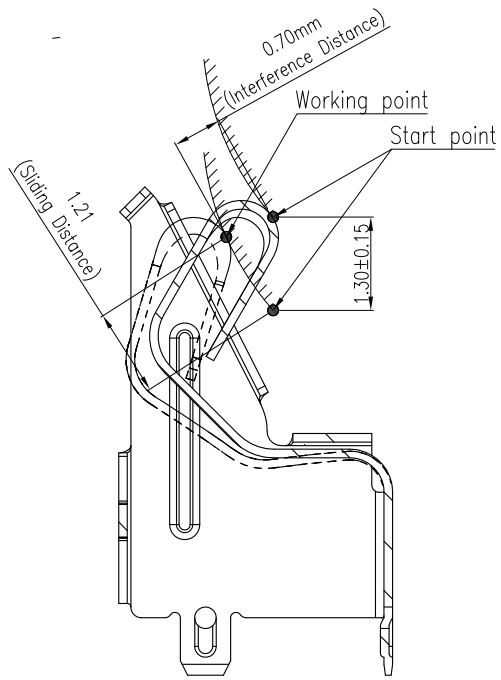
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A0	NEW RELEASE	Curry	2024.12.08

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

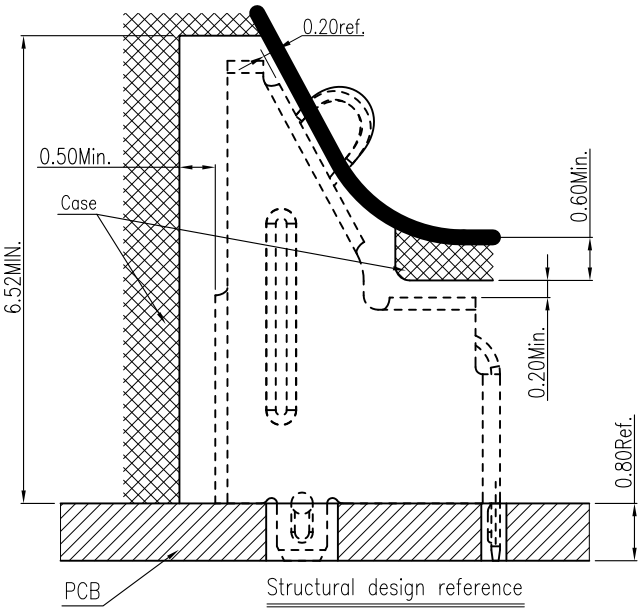
NOTES:
(1)MATERIAL:SUS301 1/2H ,T=0.12mm
(2)FINISH:
2-1:PLATING SPC. SEE BOM TABLE
2-2:NOT WITH TOLERANCE WITCH REFERENCE TO THE TOLERANCE TABLE,NOT ASTANDARD SIZE REFERENCE 3D.
2-3:METAL MASK AND PCB LAYOUT DESIGN SIZE, FOR REFERENCE ONLY, ON THE BASIS OF CUSTOMER ACTUAL DESIGN.
(3)PRODUCT SPECIFICATIONS:
3-1 COURRENT RATING: 1.5A
3-2 RATING VOITEG:5.0V.
3-3 CONTACT RESISTANCE:50mOHM MAX ,
AFTER DURABLITY ENVIRONMENT: Δ R=20mOHM
3-4 OPERATION TEMPERATURE: -55°C ~ +85°C
3-5 Spring FORCE OF PRESS 0.70MM: 45±8gf
(4)DURABILITY:10,000 CYCLES. YIELD NO EXCEED 0.1MM.
(5)DIMENSIONS MARKEDW "▼" IS KEY DIMENSION:
(6)SALT SPRAY TIME: 48H (JUDGED BY ALL OUTSIDE AREA)
(7)COMPLIANT WITH ROHS STANDARD.
(8)PLEASE CONTACT KRCONN SALES REPRESENTATIVE TO VERIFY

EPR 530 - 01 C12 - 01
PRODUCT ORDER
- On Board Hight (CONTACT POINT)/500=5.00mm
- Materail/1=STAINESS STEEL
- Plating On Contact Area.:SEE THE TABLE
- Servies Number.

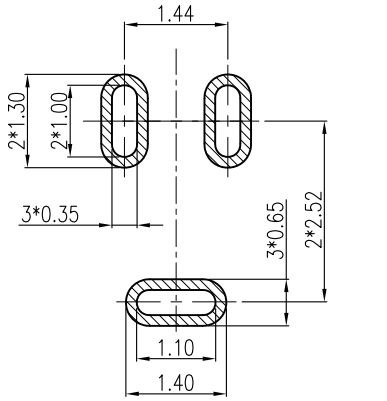




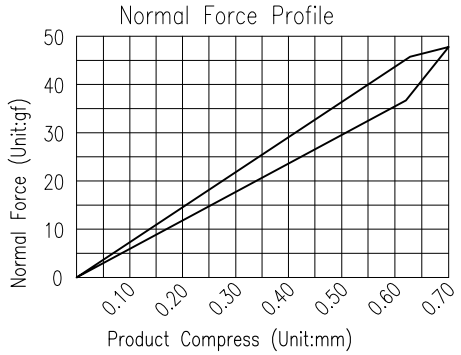
Simulation reference

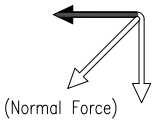


Structural design reference



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





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

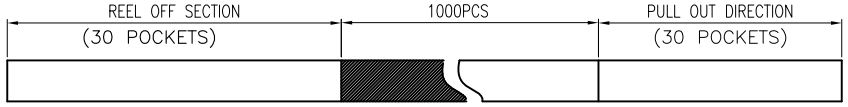
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SHENZHEN KRCONN TECHNOLOGY CO. , LTD

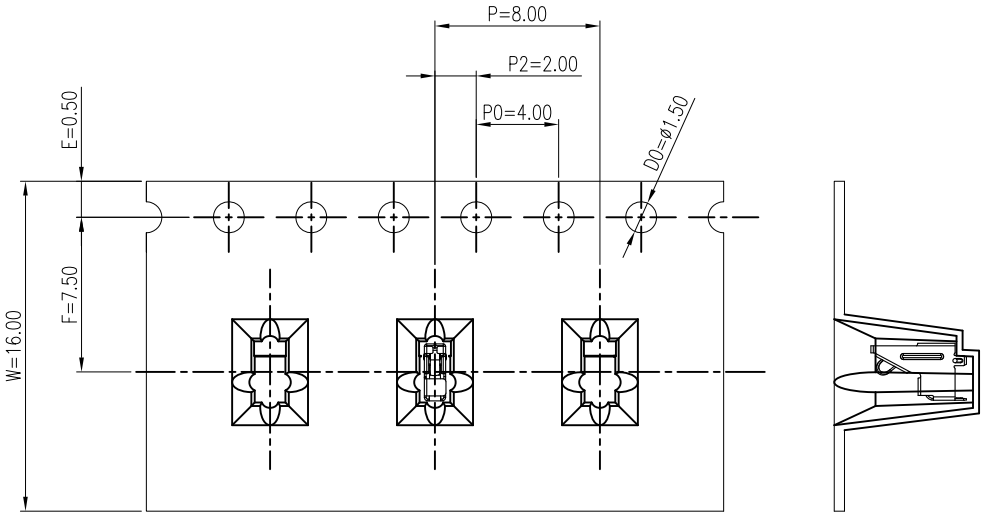
TITLE	Side contact of Earbuds with charging shrapnel			
DWN	Curry.W	PART NO. EPR530-01C12-01		
CHKD	Curry.W	SCALE:1:1	UNIT: mm	
APVD	Kevin.D	SIZE: A4	SHEET: 2/2	REV: A0

CUSTOMER DRAW

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A0	NEW RELEASE	Curry	2024.10.08

CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON	CARTON SIZE
EPR530-01XXX-01	1000	18	18,000	345x345x340

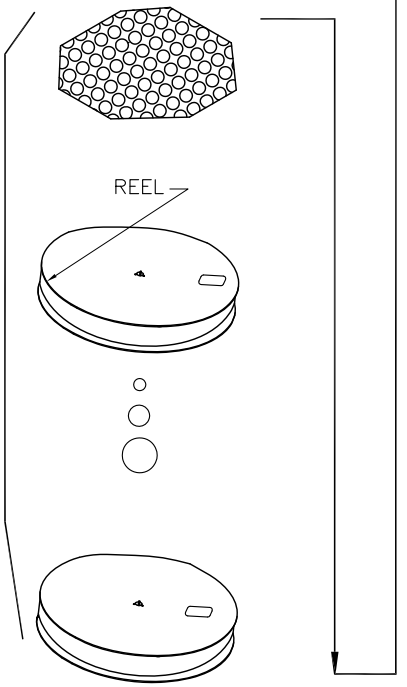


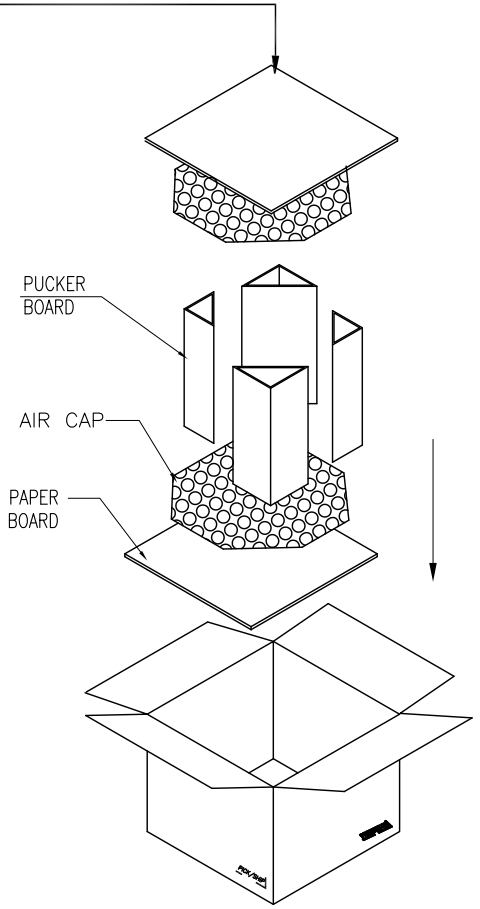


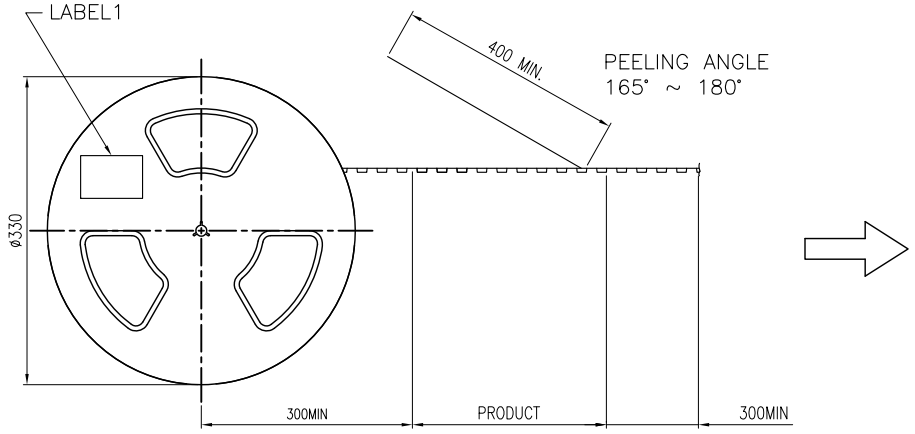
CUSTOMER TO USE DIRECTION

PULL OUT DIRECTION
(出料方向)

TOTAL
20LAYERS







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			
DWN	Curry.W	PART NO. EPR530-01XXX-01		
CHKD	Curry.W	SCALE:1:1	UNIT: mm	
APVD	Kevin.D	SIZE: A4	SHEET: 1/1	REV: A0
PAKAGE DRAW				