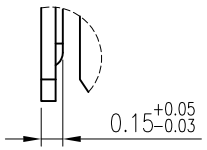
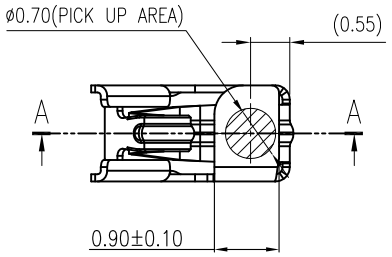
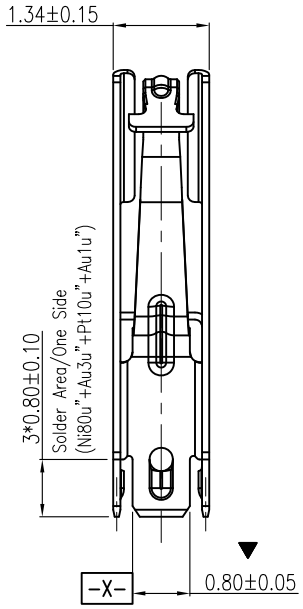
Process Capable | RoHS Compliant 2011/65/EU | Compliant Halogen Free

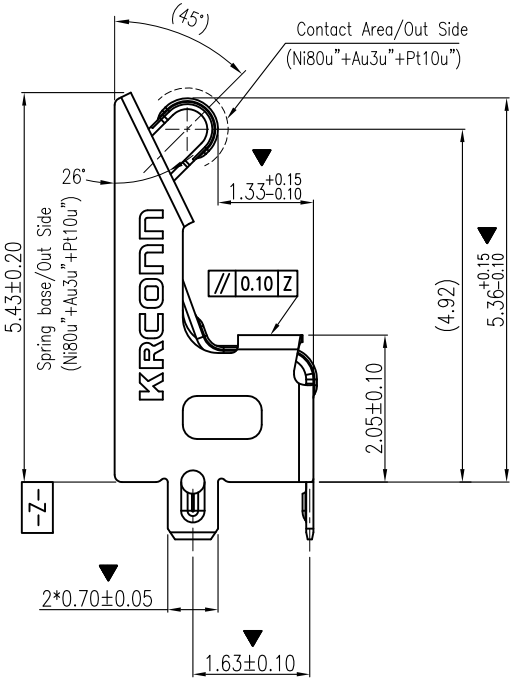
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A0	NEW RELEASE	Curry	2024.01.31

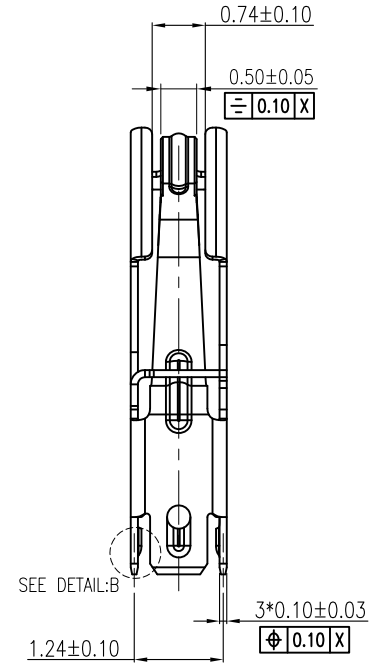


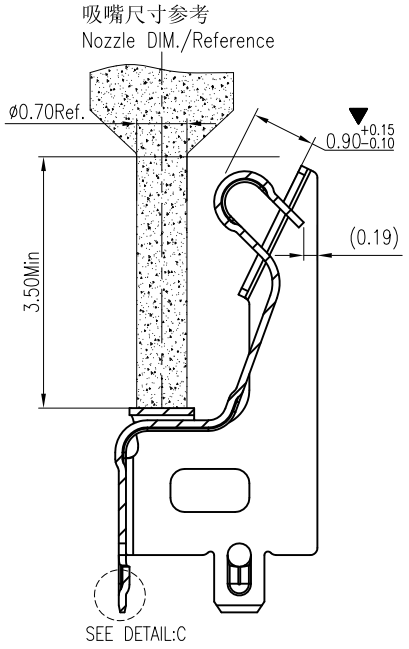
DETAIL:B
SCALE:2/1



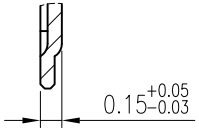




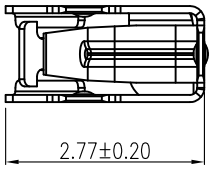




SECTION:A-A



DETAIL:C
SCALE:2/1



NO.	PART NO.	QT'Y	MATERIAL	NOTE
1	EPR492-01C01-01	1	STAINLESS STEEL	80u"Ni+Au3u"+Pt10u" PLATING ON CONTACT AREA. 80u"Ni+Au3u"+Pt10u" PLATING ON BASE AREA. 80u"Ni+Au3u"+Pt10u" PLATING ON SOLDER AREA.

UNLESS OTHERWISE SPECIFED TOLERANCES

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

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SHENZHEN KRCONN TECHNOLOGY CO. , LTD

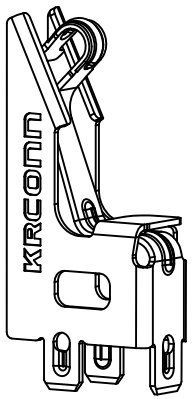
TITLE	Side contact of Earbuds with charging shrapnel			
DWN	Curry.W	PART NO. EPR492-01C01-01		
CHKD	Curry.W	SCALE:1:1	UNIT: mm	
APVD	Kevin.D	SIZE: A4	SHEET: 1/2	REV: A0

CUSTOMER DRAW

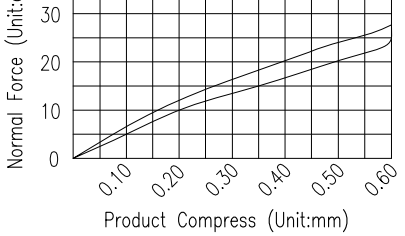
REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A0	NEW RELEASE	Curry	2024.01.31

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

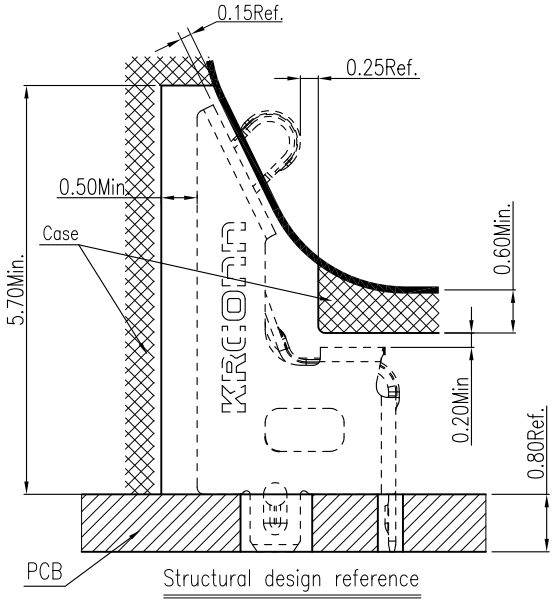
NOTES:
(1)MATERIAL:STAINLESS STEEL,T=0.10mm
(2)FINISH:
2-1:PLATING SPC. SEE BOM TABLE (Ni+Au+Pt)
2-2:NOT WITH TOLERANCE WITCH REFERENCE TO THE TOLERANCE TABLE,NOT ASTANDARD SIZE REFERENCE 3D.
2-3:METAL MASK AND PCB LAYOUT DESIGN SIZE, FOR REFERENCE ONLY, ON THE BASIS OF CUSTOMER ACTUAL DESIGN.
(3)PRODUCT 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 NORMAL FORCE OF PRESS 0.57MM:28±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



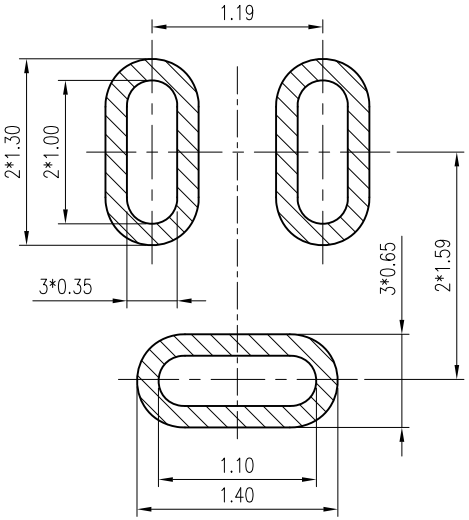
3D VIEW



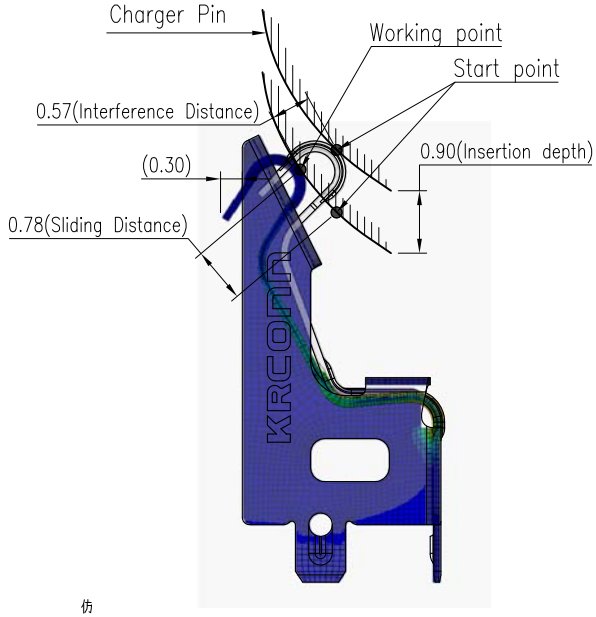
EPR 492 - 01 C01 - 01
PRODUCT ORDER
- On Board Hight (CONTACT POINT)/492=4.92mm
- Materail/1=STAINESS STEEL
- Plating On Contact Area.:SEE THE TABLE
- Servies Number.



Structural design reference



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



仿
Simulation reference

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. EPR492-01C01-01		
CHKD	Curry.W	SCALE:1:1	UNIT: mm	
APVD	Kevin.D	SIZE: A4	SHEET: 2/2	REV: A0

CUSTOMER DRAW

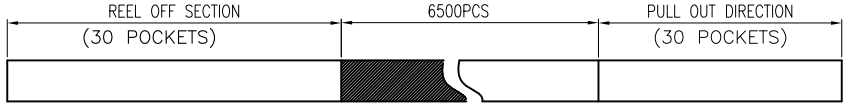
Process Capable

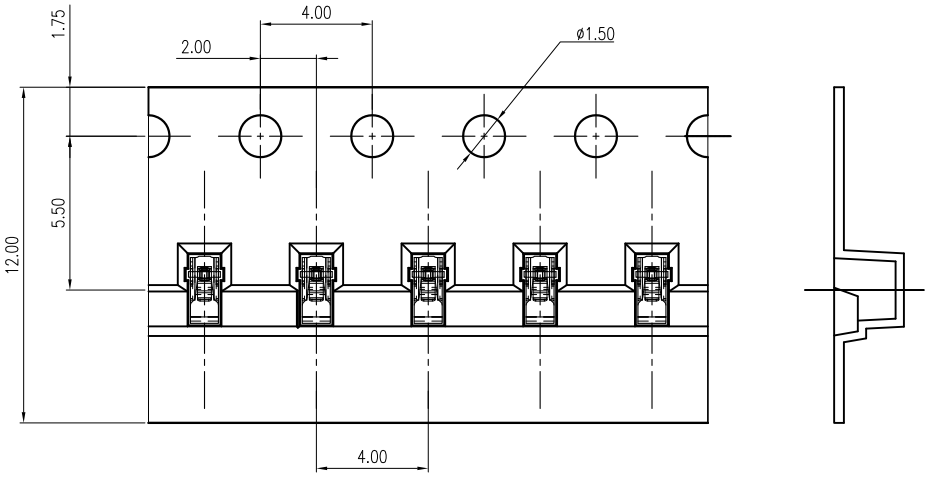
RoHS Compliant 2011/65/EU

Compliant Halogen Free

REV.	ECN NO OR DESCRIPTION	REVISED	DATE
A0	NEW RELEASE	Curry	2024.01.31

CONN. PART NO.	CONN. QTY./REEL	REEL QTY./CARTON	CONN. QTY./CARTON	CARTON SIZE
EPR492-XXXXX-01	1200	18	21600	345x345x340

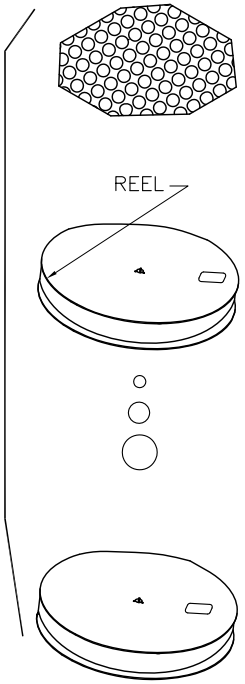


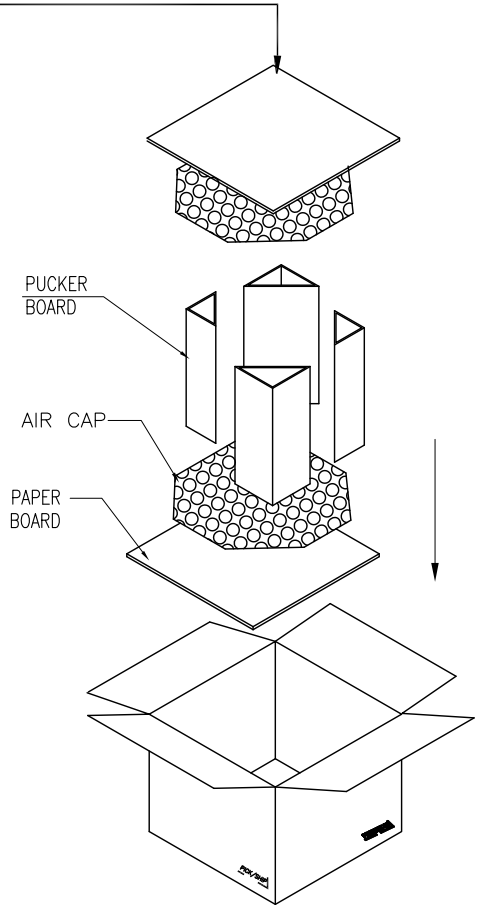


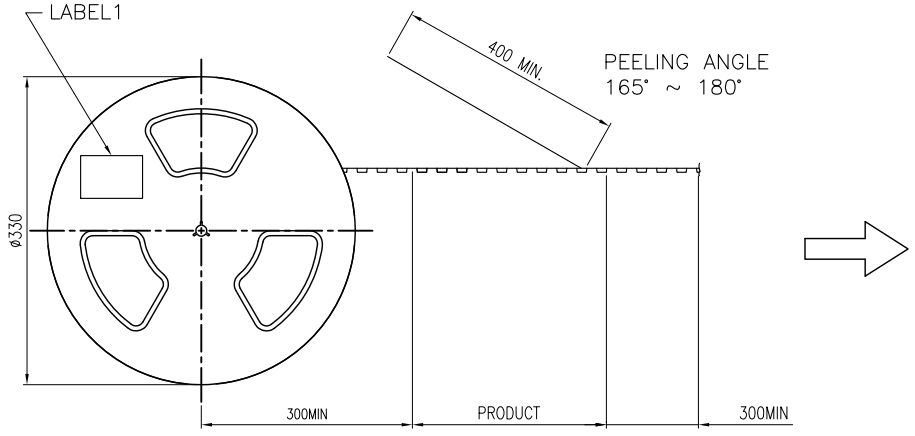
CUSTOMER TO USE DIRECTION

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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CUSTOMER DRAW				