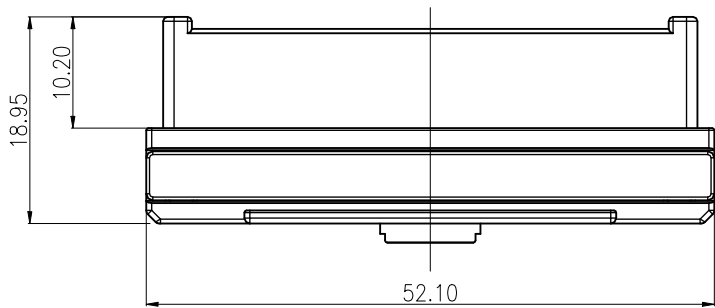
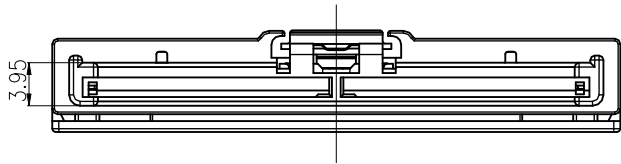
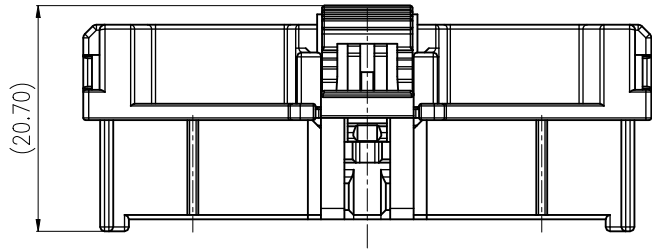
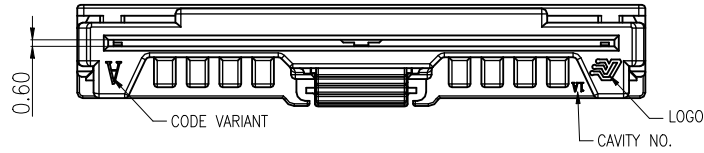


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Amphenol
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BOM LIST:

ITEM	NAME	QTY	DESCRIPTION	REMARK
①	HOUSING	1	THERMOPLASTIC UL94V-0	SEE NOTE 3
②	FPA	1	THERMOPLASTIC UL94V-0	BLUE RAL5005
③	CPA	1	THERMOPLASTIC UL94V-0	CARMINE RED RAL3002



研发图面

2024/2/18

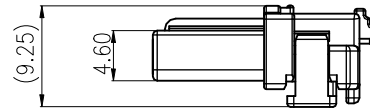
REV.	ECR/ECN No.	DESCRIPTION	DRAWN/DATE	CHECKED/DATE	APPROVED/DATE
X3	ECN2023111401S	UPDATED CODE AND RATING	Hanson 23-11-14	Elven	Sam
X4	ECR2024012901S	ADD TRADE MARK	Hanson 24-01-29	Elven	Sam

NOTE:

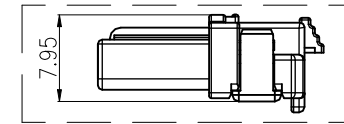
- "▽" PRODUCTS MEET RoHS 2.0 ENVIRONMENTAL REQUIREMENTS AND UL94V-0.
- "▽" MARK IS CRITICAL CHARACTERISTIC DIMENSION
"▼" MARK IS SIGNIFICANT CHARACTERISTIC DIMENSION
"▽" MARK MUST COMPLY WITH LAWS AND REGULATIONS
- P/N: K02P-SCNCX-1*521

- A: CODE A (HOUSING COLOR: BLACK)
B: CODE B (HOUSING COLOR: NATURAL)
C: CODE C (HOUSING COLOR: LIGHT GRAY)
D: CODE D (HOUSING COLOR: DARK GRAY)

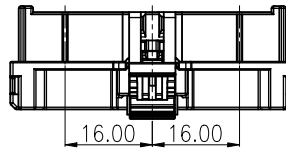
PRE-LOCKED STATE



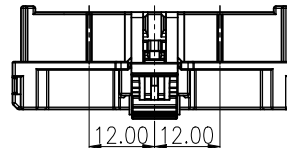
LOCKED STATE



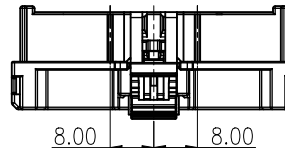
K02P-SCNCX-1A521
CODE A: (HOUSING COLOR: BLACK)



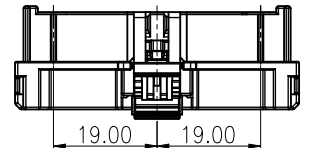
K02P-SCNCX-1B521
CODE B: (HOUSING COLOR: NATURAL COLOR)



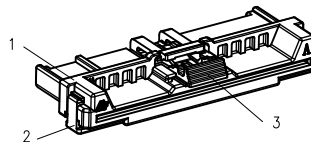
K02P-SCNCX-1C521
CODE C: (HOUSING COLOR: LIGHT GRAY)

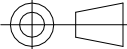


K02P-SCNCX-1D521
CODE D: (HOUSING COLOR: DARK GRAY)

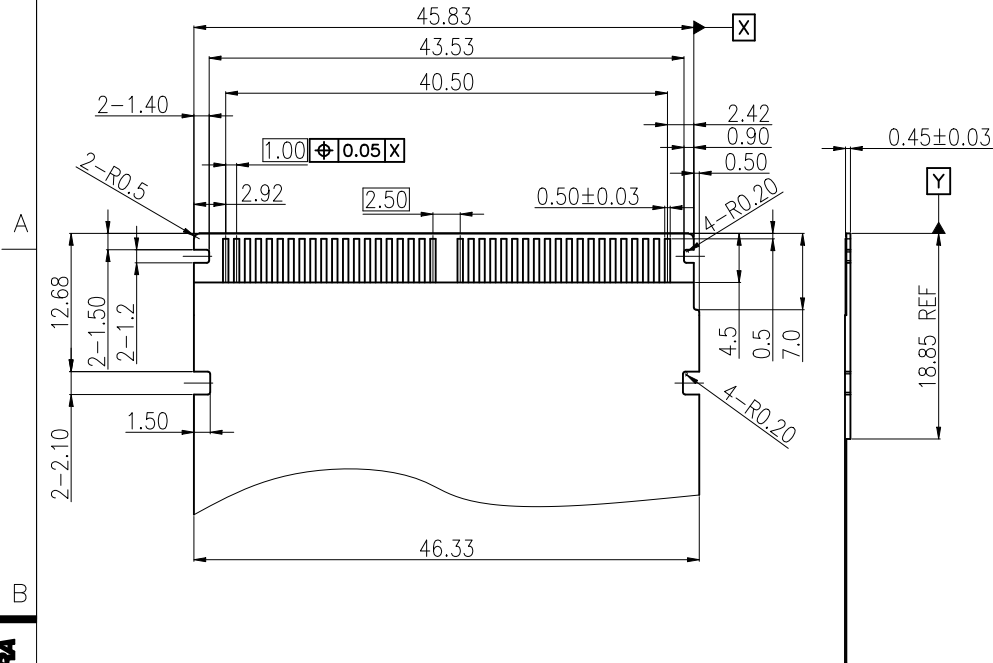


SCALE 1:2
=====



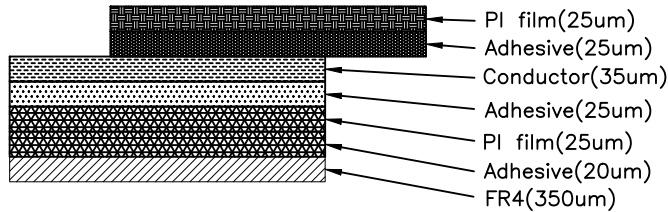
UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd					
X.	±0.30	X.	± 5°							X.X	± 4°
X.X	±0.25	X.X	± 4°	DOC TYP		Customer Drawing		TITLE: FlexFast™ Single CONNECTOR K02P SERIES Plug			
X.XX	±0.20	X.XX	± 3°	DRAWN	DATE	HK	2023-05-18				
X.XXX	±0.10	X.XXX	± 2°	DESIGN	DATE	Hanson	2023-05-18	SIZE	PART NUMBER:		REV.
LINEAR DIMS		ANGLES DIMS		CHECKED	DATE	Staven	2023-05-18	A4	K02P-SCNCX-1*521		X4
DWG NO.: A-S0838				APPROVED	DATE	Sam	2023-05-18	SCALE	1:1	UNIT : mm	SHEET 1 OF 3
MATERIAL		SEE NOTES									
FINISHED		SEE NOTES									

40PIN P=1.0mm 1ROW
MATE WITH: K04R-SRDA5-6*P40

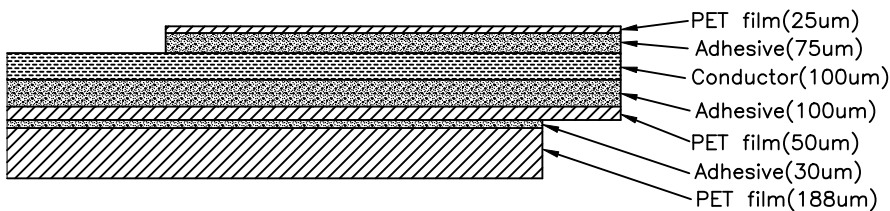


Note 1: Recommend Material(FPC Flex cable)
Electro plating:1.27~6um Ni, 0.05~0.1um Au
The salt spray test for 48 hours.

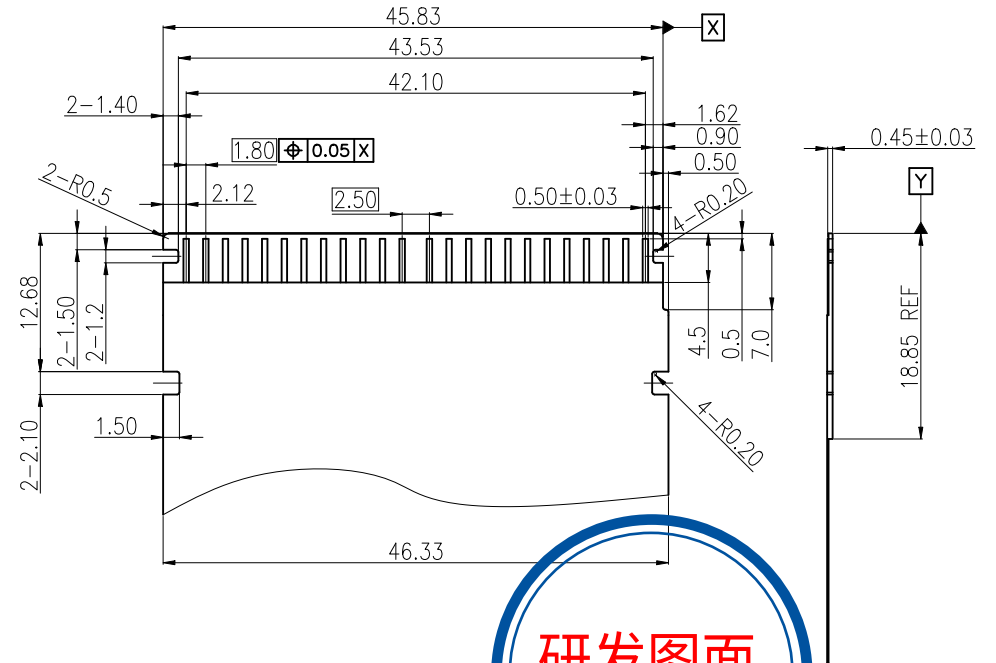
RATING 1A: Copper thickness selected 10Z



Note 2: Recommend Material(FFC Flex cable)
Electro plating:1.27~6um Ni, 0.05~0.1um Au
The salt spray test for 48 hours.



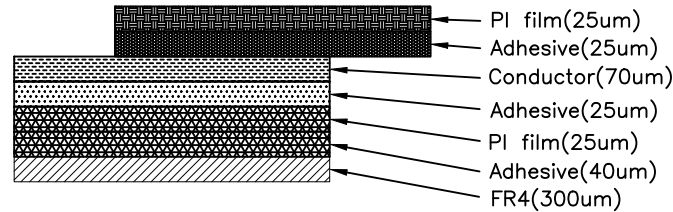
24PIN P=1.8mm 1ROW
MATE WITH: K05R-SRFA5-6*P24

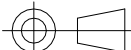


研发图面

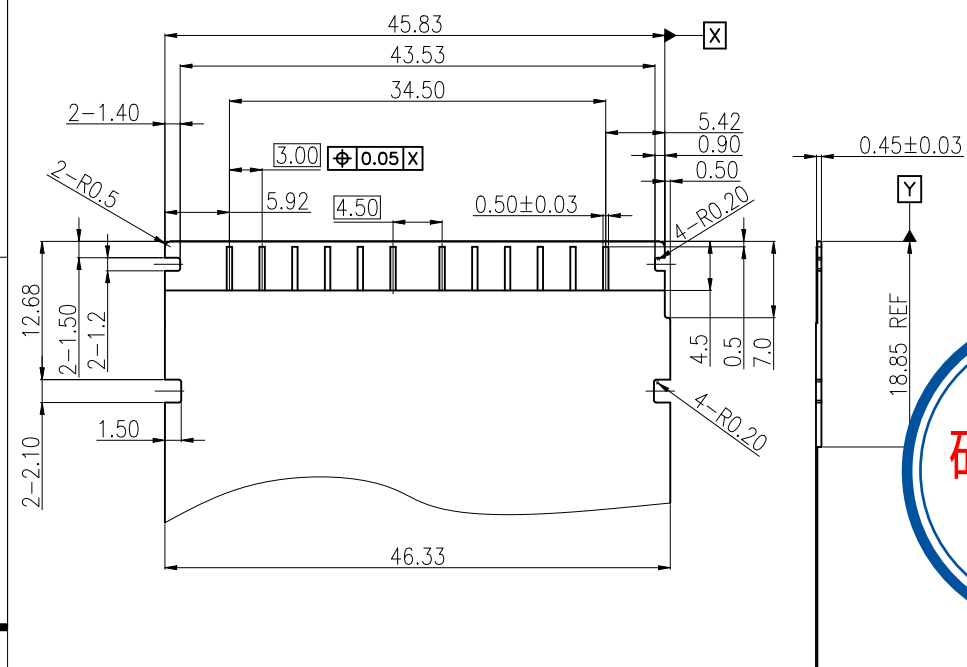
2024/2/18

RATING 2A OR 3A: Copper thickness selected 20Z



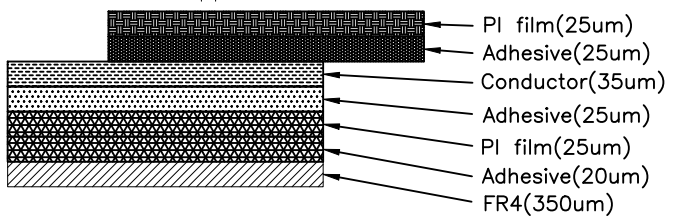
UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd					
X.	±0.15	X.	± 5°			X.X	± 4°	TITLE: FlexFast™ Single CONNECTOR K02P SERIES Plug			
X.X	±0.10	X.X	± 4°	X.XX	± 3°						
X.XX	±0.05	X.XX	± 3°	X.XXX	± 2°	Customer Drawing			TITLE: FlexFast™ Single CONNECTOR K02P SERIES Plug		
X.XXX	±0.03	X.XXX	± 2°								
LINEAR DIMS		ANGLES DIMS		DOC TYP		Customer Drawing			TITLE: FlexFast™ Single CONNECTOR K02P SERIES Plug		
LINEAR DIMS		ANGLES DIMS		DRAWN	DATE	HK	2023-05-18				
DWG NO.: A-S0838		CHECKED		DATE	2023-05-18	Hanson	2023-05-18	SIZE	PART NUMBER:		REV.
MATERIAL		SEE NOTES		DATE	2023-05-18	Staven	2023-05-18	A4	K02P-SCNCX-1*521		X4
FINISHED		SEE NOTES		APPROVED	DATE	Sam	2023-05-18	SCALE	1:1	UNIT : mm	SHEET 2 OF 3

12PIN P=3.0mm 1ROW
MATE WITH: K08R-SRJA5-6*P12

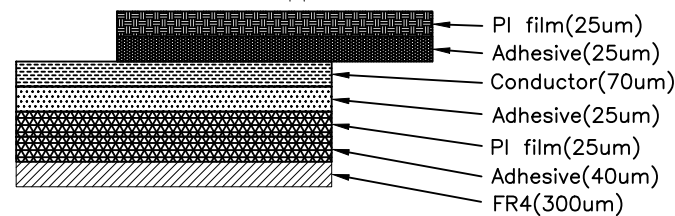


Note 1: Recommend Material(FPC Flex cable)
Electro plating:1.27~6um Ni, 0.05~0.1um Au,
The salt spray test for 48 hours.

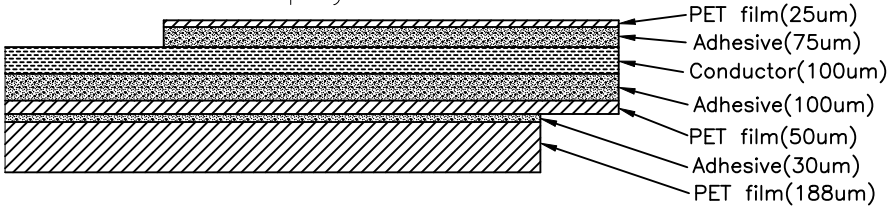
RATING 1A: Copper thickness selected 10Z

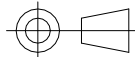


RATING 2A OR 3A: Copper thickness selected 20Z



Note 2: Recommend Material(FFC Flex cable)
Electro plating:1.27~6um Ni, 0.05~0.1um Au
The salt spray test for 48 hours.



UNLESS OTHERWISE SPECIFIED TOLERANCES				ANGLE OF PROJECTION 		 Amphenol Aorora Technology (Huizhou) Co.,Ltd			
X.	±0.15	X.X	± 5°			X.X	± 4°	TITLE: FlexFast™ Single CONNECTOR K02P SERIES Plug	
X.X	±0.10	X.XX	± 3°	X.XXX	± 2°				
LINEAR DIMS		ANGLES DIMS		DOC Customer Drawing		SIZE PART NUMBER: K02P-SCNCX-1*521 REV. X4			
DWG NO.: A-S0838		DRAWN DATE		HK 2023-05-18					
MATERIAL		DESIGN DATE		Hanson 2023-05-18					
SEE NOTES		CHECKED DATE		Staven 2023-05-18					
FINISHED		APPROVED DATE		Sam 2023-05-18					
SCALE		1:1		UNIT : mm		SHEET 3 OF 3			