

1

2

3

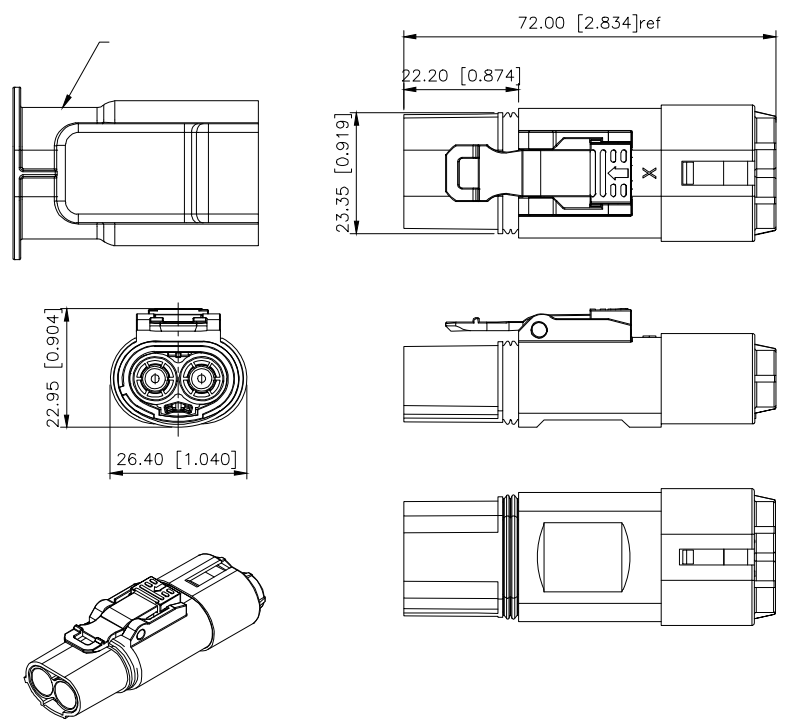
4

A

B

C

D



KLV-221 F V-06 X S

2A=2.5mm²(OD=5.8±0.25mm)
04=4mm²(OD=6.8±0.25mm)
06=6mm²(OD=7.5±0.30mm)
10=10mm²(OD=9.2±0.30mm)

B:
S:
X:X
Y:Y
U:U
V=V

Specifications()

1.Voltage rating():1000V DC

2.Current rating():25A(2.5mm²)
35A(4mm²)
45A(6mm²)
60A(10mm²)

3.Withstanding voltage():3000V AC,1min ≤2mA

4.Insulation resistance():200MΩ at DC1000V

5.Protection level():IP67

6.Mating cycles 200 cycles Min

7.Salt spray test 5% NaCl 48H;

8.Temperature range(): -40 ~+125

AuGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERAUCES	



DESIGN	VIEW:	MODEL TYPE: 2 4mm
CHECKED	UNIT: mm/in	PART NO.: KLV-221FV-06XS
APPROVED	SIZE: A4	DWG NO.:

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2025.11.03	
/	N/A		/	/	/

X

øA	
6.05	2.5
7.10	4
8.35	6
9.75	10

Y

øB	
5.10	2.5
6.10	4
6.85	6
8.50	10

U

V

øC	
6.10	2.5
8.40	4
9.70	10

øD

øD	
4.60	2.5
5.60	4
6.30	6
8.00	10

2.5&4

6&10

øE	øF	
2.40	4.00	2.5
3.00	4.80	4
3.60	6.00	6
4.90	7.00	10

1

2

3

4

A

B

C

D