

ROHS

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.01	

Specifications(规格):

1.Impedance(特性阻抗) : 100Ω;

2.Frequency (工作频率) : DC~2GHz;

3.Return Loss (回波损耗) : ≥ 20dB @1GHz;

4.Insulation resistance(绝缘阻抗) : ≥100MΩ;

5.Dielectric withstand voltage (介质耐电压) : 250V AC ;

6.Mating cycles (耐久性) : ≥5 cycles;

7.Engagement force(啮合力) : ≤40N;

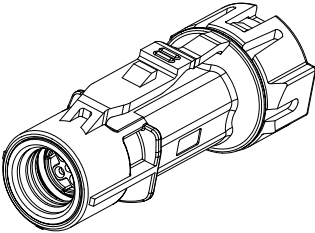
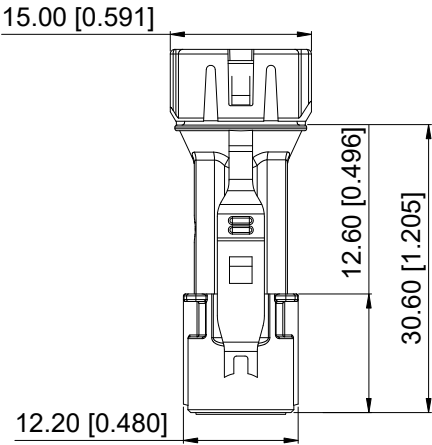
8.Retention force latch(保持力) : ≥110N;

9.Temperature range(使用温度): -40℃~+105℃;

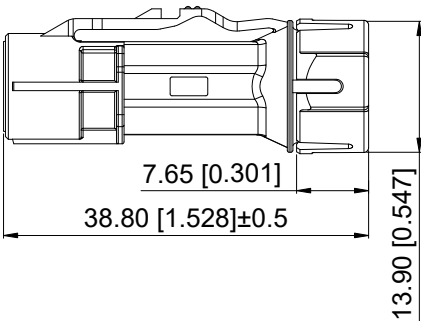
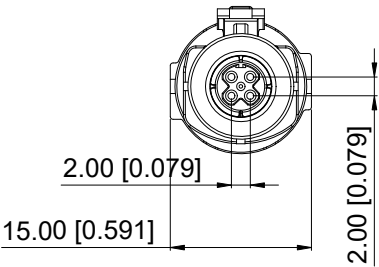
PART NO.:

XH4PLF1S5-WL06-X

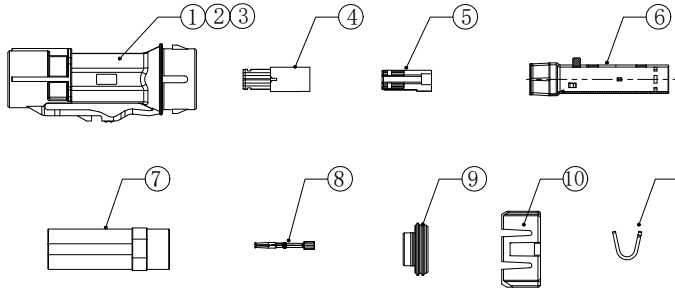
Code: A~Z



3D View



BOM List:



11	Outer Ferrule	Copper Alloy	Ni PLATED	1 PC	2KPCS/R
10	Cover	PA66		1 PC	
9	Seal Ring-2	Silicon Rubber		1 PC	
8	Center Conductor	Copper Alloy	Gold PLATED	4 PCS	5KPCS/R
7	Sheath	PBT		1 PC	
6	Outer Conductor	Copper Alloy	Ni PLATED	1 PC	
5	Dielectric-2	PA66		1 PC	
4	Dielectric-1	PA66		1 PC	
3	Fixings	SUS		1 PC	
2	Seal Ring-1	Silicon Rubber		1 PC	
1	Housing	PBT		1 PC	
NO.	SPEC.	MATERIAL	FINISH (Contact)	Q'TY	Note

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DESIGN	希文	VIEW:	
CHECKED		UNIT:	mm/in
APPROVED		SIZE:	A4

ANGULAR	±5°
X.	±0.50
X.x	±0.30
X.xx	±0.20
X.xxx	±0.10

UNSPECIFIED TOLERANCES		
MODEL TYPE:		
HSD 4P Female Connector IP67		
PART NO.:		
XH4PLF1S5-WL06-X		
DWG NO.:		
X-XH4PLF1S5-WL06-X		

SCALE	PAGE	REVISION
N/A	1/2	A0

XKB INDUSTRIAL PRECISION CO.,LIMITED

1

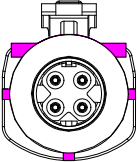
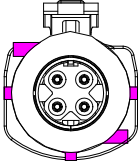
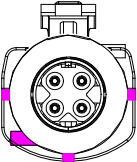
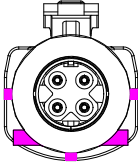
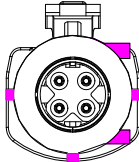
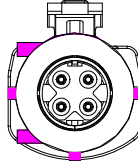
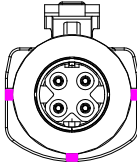
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REVISIONS					
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A0	N/A		INITIAL RELEASE	2024.08.01	

Code List:

Colde							
	A	B	C	D	E	F	Z
Color/RAL-No.	Black/9005	White/9001	Blue/5005	Bordeaux/4004	Green/6002	Brown/8011	Water Blue/5021
PART NO.	XH4PLF1S5-WL06-A	XH4PLF1S5-WL06-B	XH4PLF1S5-WL06-C	XH4PLF1S5-WL06-D	XH4PLF1S5-WL06-E	XH4PLF1S5-WL06-F	XH4PLF1S5-WL06-Z

NOTE: ALL RIGHTS RESERVED,BANNED COPY!

ANGLAR	±5°
X.	±0.40
X.x	±0.30
X.xx	±0.20
X.xxx	±0.15
UNSPECIFIED TOLERANCES	



DESIGN	希文	VIEW: 	MODEL TYPE: HSD 4P Female Connector IP67
CHECKED		UNIT: mm/in	PART NO.: XH4PLF1S5-WL06-X
APPROVED		SIZE: A4	DWG NO.: X-XH4PLF1S5-WL06-X
			SCALE PAGE REVISION
			N/A 2/2 A0