

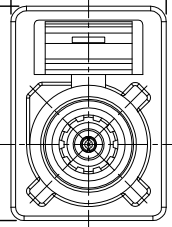
RoHS

REVISIONS

REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN

10.0 [0.394]

13.8 [0.543]

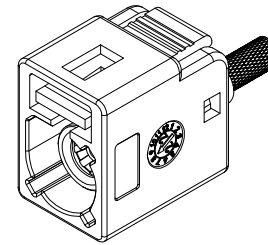
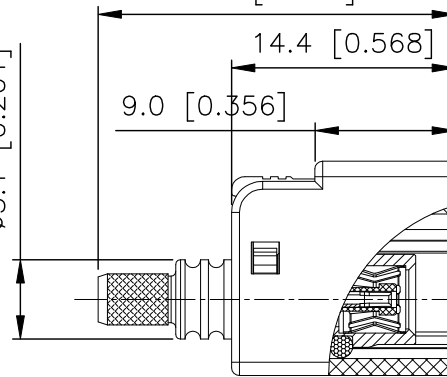


ø5.1 [0.201]

23 [0.906]

14.4 [0.568]

9.0 [0.356]



3D View

Specifications(规格):

- 1.Impedance(特性阻抗): 50Ω;
- 2.Frequency(工作频率): DC~6GHz;
- 3.Insulation resistance(绝缘阻抗): ≥100MΩ;
- 4.VSWR(驻波比): ≤1.50 @3GHz; ≤1.60@6GHz;
- 5.Dielectric withstand voltage(介质耐电压): 800V AC;
- 6.Mating cycles(耐久性): ≥5 cycles;
- 7.Retention force latch(保持力): ≥110N;
- 8.Temperature range(使用温度): -40℃~+105℃;

9.PART NO.:

XK1PLF1S7-WD25-X

Code: A~Z

10.Housing P/N:

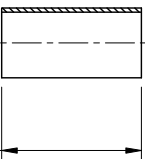
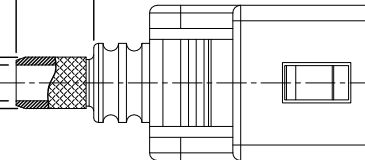
XKHF1-PTD1-X

Code: A~Z

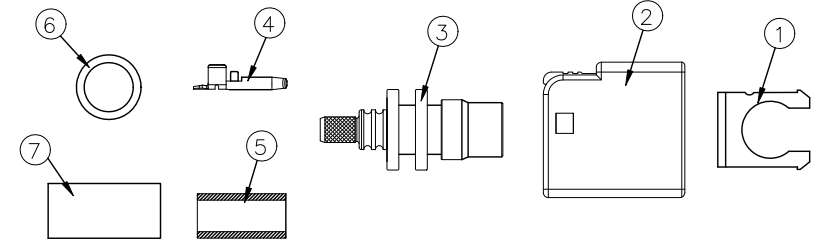
5.0 [0.197]

ø4.5 [0.177]

9.0 [0.354]

ø3.30 [0.130]
ø2.30 [0.091]

BOM List:



7	XFT057-23BD1	H.S.T	EVA		1 PC	20mm
6	XKMO-RRD2	Waterproof ring	Silicone rubber		1 PC	
5	XKS7-PBND1	Outer Ferrule	Copper Alloy	Ni PLATED	1 PC	
4	XKTF7-PBGT1D1	Center Conductor	Copper Alloy	Gold PLATED	1 PC	5K/R
3	XKBF7-BRN3D2	Outer Conductor	Copper Alloy	Ni PLATED	1 PC	
2	XKHF1-PTD1-X	Housing	PBT		1 PC	
1	XKC0-PTOD1	Secondary Lock	PBT		1 PC	
NO.	P/N	NAME	MATERIAL	FINISH (Contact)	Q' TY	Note

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XKB 星坤
Connection

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

MODEL TYPE:
FAKRA Female Connector, Waterproof, RTK031PART NO.:
XK1PLF1S7-WD25-X
DWG NO.:
X-XK1PLF1S7-WD25-X

SCALE	PAGE	REVISION
N/A	1/2	A0

XKB INDUSTRIAL PRECISION CO.,LIMITED

1

2

3

4

A

A

B

B

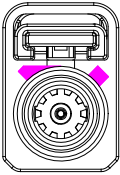
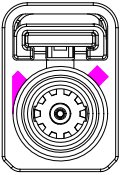
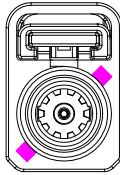
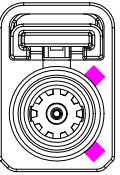
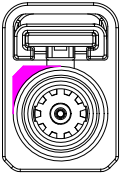
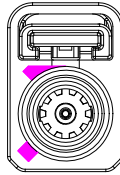
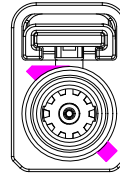
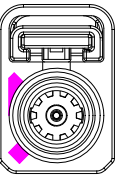
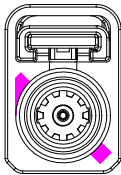
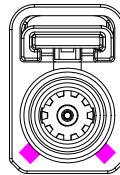
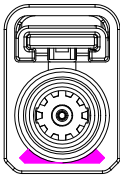
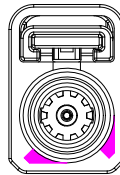
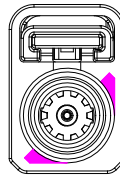
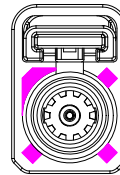
C

C

D

D

Code/PART NO. List:

Colde	 A	 B	 C	 D	 E	 F	 G
Color/RAL-No.	Black/9005	White/9001	Blue/5005	Bordeaux/4004	Green/6002	Brown/8011	Grey/7031
PART NO.	XK1PLF1S7-WD25-A	XK1PLF1S7-WD25-B	XK1PLF1S7-WD25-C	XK1PLF1S7-WD25-D	XK1PLF1S7-WD25-E	XK1PLF1S7-WD25-F	XK1PLF1S7-WD25-G
Colde	 H	 I	 K	 L	 M	 N	 Z
Color/RAL-No.	Violet/4003	Beige/1001	Curry/1027	Carmine red/3002	Pastel Orange/2003	Pastel Green/6019	Water Blue/5021
PART NO.	XK1PLF1S7-WD25-H	XK1PLF1S7-WD25-I	XK1PLF1S7-WD25-K	XK1PLF1S7-WD25-L	XK1PLF1S7-WD25-M	XK1PLF1S7-WD25-N	XK1PLF1S7-WD25-Z

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



DESIGN	希文	VIEW: 	MODEL TYPE: FAKRA Female Connector, Waterproof, RTK031		
CHECKED		UNIT: mm/in	PART NO.: XK1PLF1S7-WD25-X		
APPROVED		SIZE: A4	DWG NO.: X-XK1PLF1S7-WD25-X		
PRECISION CO., LIMITED			SCALE	PAGE	REVISION
			N/A	2/2	A1

XKB INDUSTRIAL PRECISION CO.,LIMITED

1

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