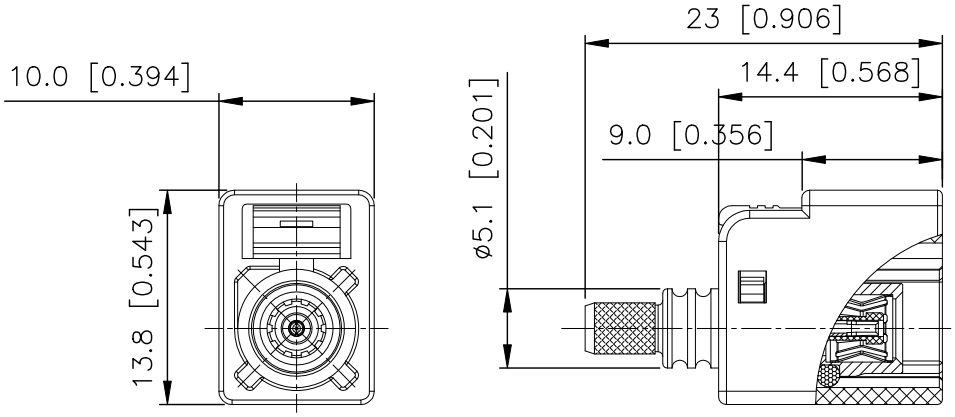
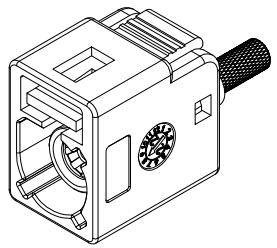
RoHS

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN





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.:

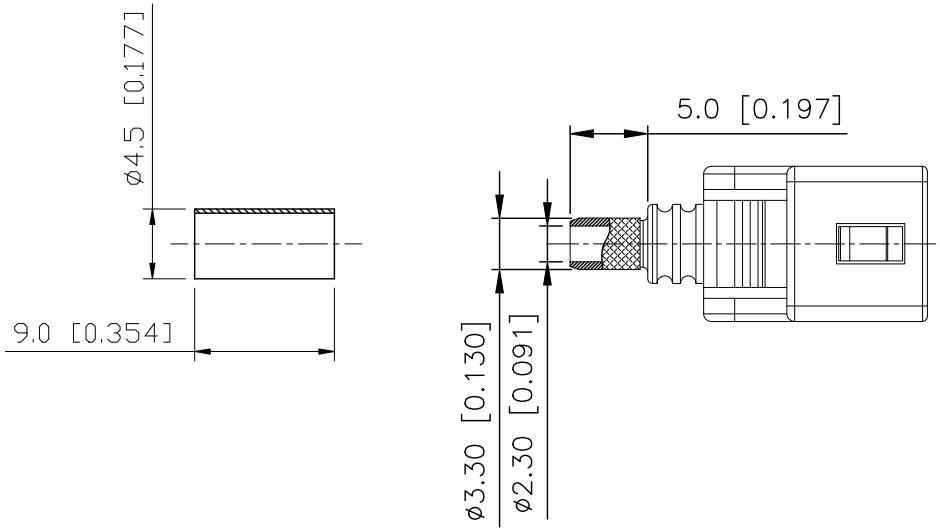
XK1PLF1S7−WD25−X

└Code: A～Z

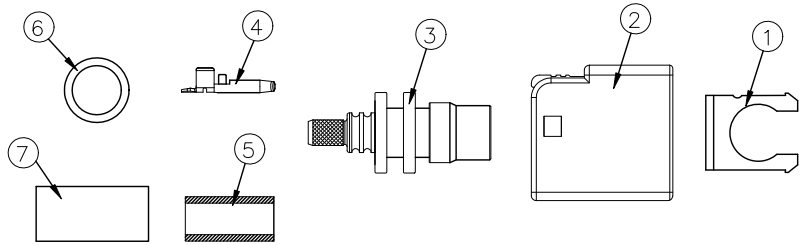
10.Housing P/N:

XKHF1−PTD1−X

└Code: A～Z



BOM List:



NO.	P/N	NAME	MATERIAL	FINISH (Contact)	Q'TY	Note
7	XFT057−23BD1	H.S.T	EVA		1 PC	20mm
6	XKM0−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	

ANGLAR	±5°
X.	±0.50
X.x	±0.30
X.xx	±0.15
X.xxx	±0.05
UNSPECIFIED TOLERANCES	

XKB 星坤 Connection

XKB INDUSTRIAL PRECISION CO.,LIMITED

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

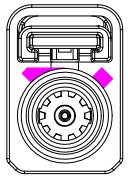
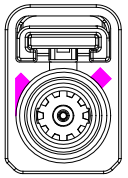
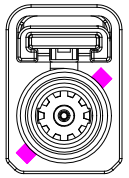
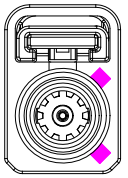
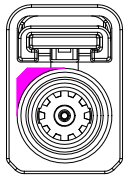
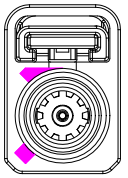
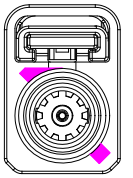
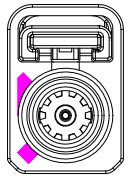
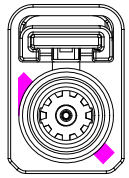
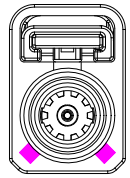
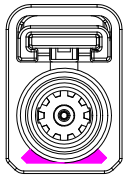
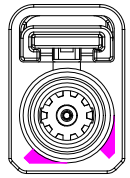
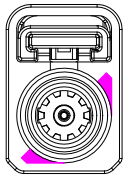
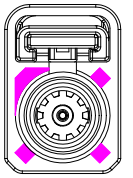
MODEL TYPE: FAKRA Female Connector,Waterproof,RTK031

PART NO.: XK1PLF1S7−WD25−X

DWG NO.: X−XK1PLF1S7−WD25−X

SCALE	PAGE	REVISION
N/A	1/2	A0

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

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

XKB Connection 星坤

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

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SCALE	PAGE	REVISION
N/A	2/2	A1

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