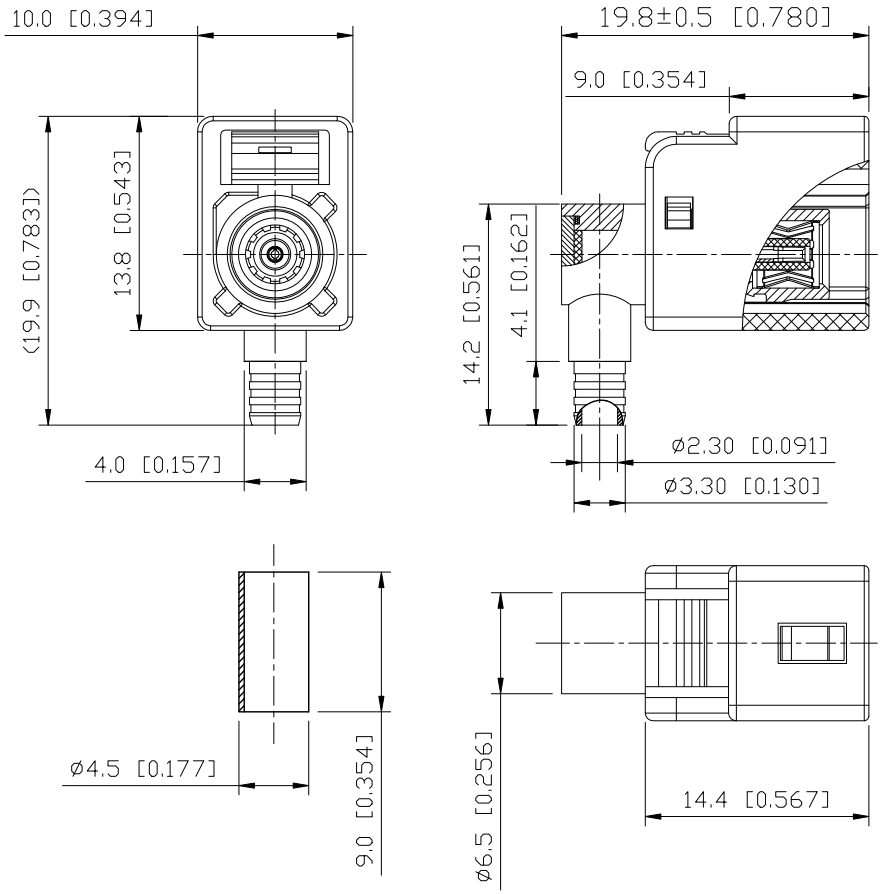
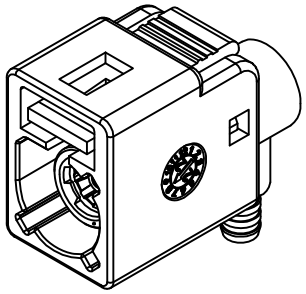
RoHS

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.:

XK1PLF1R7−WD25−X

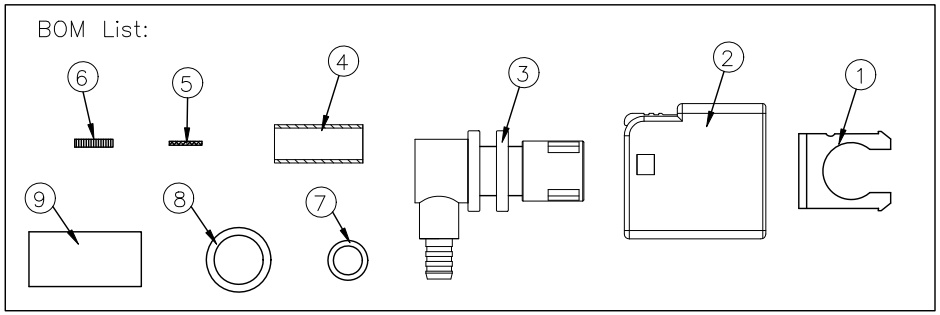
└Code: A～Z

10.Housing P/N:

XKHF1−PTD1−X

└Code: A～Z

BOM List:



NO.	P/N	NAME	MATERIAL	FINISH (Contact)	Q'TY	Note
9	XFT057−23BD1	H.S.T	EVA		1 PC	20mm
8	XKM0−RRD2	Waterproof ring−2	Silicone rubber		1 PC	
7	XKM0−RBD1	Waterproof ring−1	Silicone rubber		1 PC	
6	XKC0−BRSRD1	Cover	Copper Alloy	Ni PLATED	1 PC	
5	XKC0−TFWD1	Insulation gasket	PTFE		1 PC	
4	XKS7−PBND1	Outer Ferrule	Copper Alloy	Ni PLATED	1 PC	
3	XKBF7−ZAN4D1	Outer Conductor	Zinc Alloy	Ni PLATED	1 PC	
2	XKHF1−PTD1−X	Housing	PBT		1 PC	
1	XKC0−PTOD1	Secondary Lock	PBT		1 PC	

www.helloxkb.com www.helloxkb.cn www.xk−dg.cn

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

UNSPECIFIED TOLERANCES

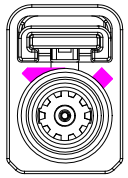
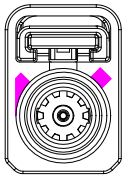
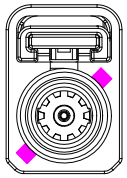
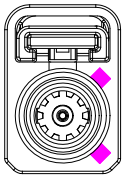
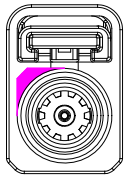
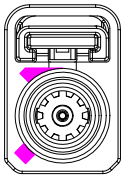
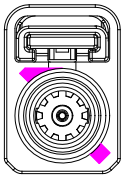
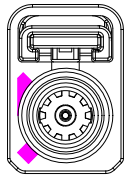
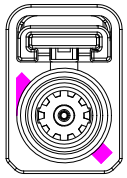
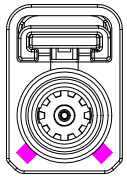
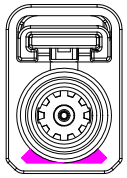
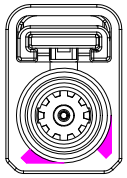
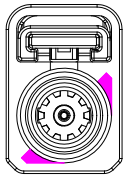
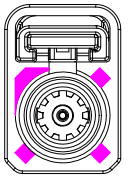
XKB 星坤 Connection

XKB INDUSTRIAL PRECISION CO.,LIMITED

DESIGN	希 文	VIEW:	MODEL TYPE: R/A FAKRA Female Connector,Waterproof,RTK031
CHECKED		UNIT: mm/in	PART NO.: XK1PLF1R7−WD25−X
APPROVED		SIZE: A4	DWG NO.: X−XK1PLF1R7−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.	XK1PLF1R7-WD25-A	XK1PLF1R7-WD25-B	XK1PLF1R7-WD25-C	XK1PLF1R7-WD25-D	XK1PLF1R7-WD25-E	XK1PLF1R7-WD25-F	XK1PLF1R7-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.	XK1PLF1R7-WD25-H	XK1PLF1R7-WD25-I	XK1PLF1R7-WD25-K	XK1PLF1R7-WD25-L	XK1PLF1R7-WD25-M	XK1PLF1R7-WD25-N	XK1PLF1R7-WD25-Z

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

XKB 星坤 Connection

XKB INDUSTRIAL PRECISION CO.,LIMITED

DESIGN	希 文	VIEW:
CHECKED		UNIT: mm/in
APPROVED		SIZE: A4

MODEL TYPE: R/A FAKRA Female Connector,Waterproof,RTK031

PART NO.: XK1PLF1R7-WD25-X

DWG NO.: X-XK1PLF1R7-WD25-X

SCALE	PAGE	REVISION
N/A	2/2	A0

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