

1

2

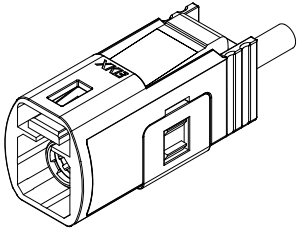
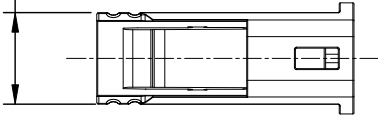
3

4

RoHS

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.22	

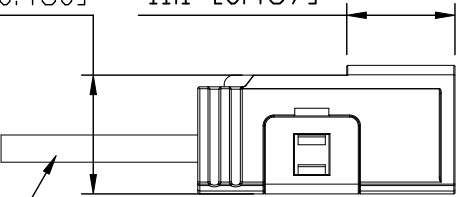
9.4 [0.370]



3D View

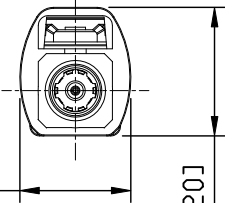
12.2 [0.480]

11.1 [0.437]



RG174同轴线或同种规格
(客户自购)

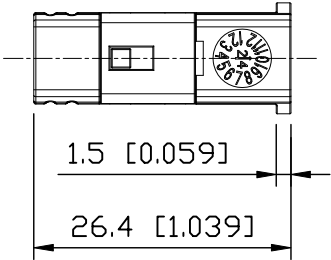
11.4 [0.449]



13.2 [0.520]

1.5 [0.059]

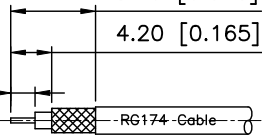
26.4 [1.039]



8.70 [0.343]

4.20 [0.165]

2.50 [0.098]



RECOMMENDED CABLE STRIPPING DIM'S

Specifications(规格):

- 1.Impedance(特性阻抗): 50Ω;
- 2.Frequency(工作频率): DC~6GHz;
- 3.VSWR(电压驻波比): 1.50 @3GHz;
1.60 @6GHz;
- 4.Insulation resistance(绝缘阻抗): ≥100MΩ;
- 5.Dielectric withstand voltage(介质耐电压): 800V AC;
- 6.Mating cycles(耐久性): ≥25cycles;
- 7.Retention force latch(保持力): ≥110N;
- 8.Temperature range(使用温度): -40℃~+105℃;
- 9.PART NO.:

XK1PLF1S3-NL46-X

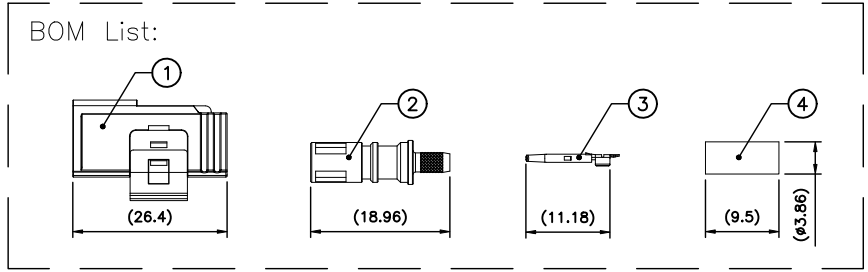
Code: A~Z

10.Housing P/N:

XKHF1-PTL1-X

Code: A~Z

BOM List:



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

4	XKS3-BRNL1	Outer Ferrule	Copper Alloy	Ni PLATED	1 PC	
3	XKTF3-PBGN512	Center Conductor	Copper Alloy	Gold PLATED	1 PC	5K PCS/R
2	XKBF3-ZAT3L1	Outer Conductor	Zinc Alloy	Tin PLATED	1 SET	
1	XKHF1-PTL1-X	Housing+Lock	PBT		1 SET	
NO.	P/N	NAME	MATERIAL	FINISH (Contact)	Q' TY	Note

www.helloxkb.com www.helloxkb.cn www.xk-dg.cn



XKB INDUSTRIAL PRECISION CO.,LIMITED

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

MODEL TYPE: FAKRA Female Connector for RG174		
PART NO.: XK1PLF1S3-NL46-X		
DWG NO.: X-XK1PLF1S3-NL46-X		

SCALE	PAGE	REVISION
N/A	1/2	A0

1

2

3

4

A

A

B

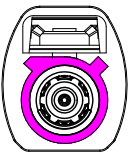
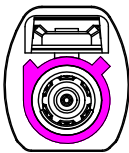
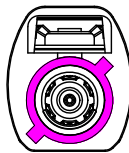
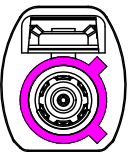
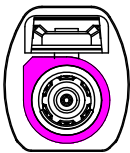
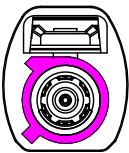
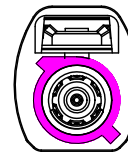
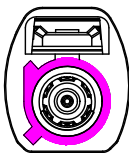
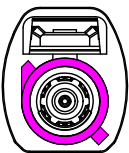
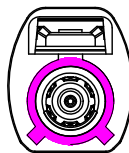
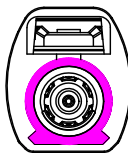
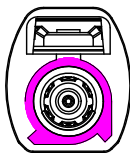
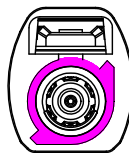
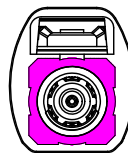
B

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.	XK1PLF1S3-NL46-A	XK1PLF1S3-NL46-B	XK1PLF1S3-NL36-C	XK1PLF1S3-NL46-D	XK1PLF1S3-NL46-E	XK1PLF1S3-NL46-F	XK1PLF1S3-NL46-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.	XK1PLF1S3-NL46-H	XK1PLF1S3-NL46-I	XK1PLF1S3-NL46-K	XK1PLF1S3-NL46-L	XK1PLF1S3-NL46-M	XK1PLF1S3-NL46-N	XK1PLF1S3-NL46-Z

NOTE: ALL RIGHTS RESERVED,BANNED COPY!

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 for RG174
CHECKED		UNIT: mm/in	PART NO.: XK1PLF1S3-NL46-X
APPROVED		SIZE: A4	DWG NO.: X-XK1PLF1S3-NL46-X

XKB INDUSTRIAL PRECISION CO.,LIMITED

SCALE	PAGE	REVISION
N/A	2/2	A0