

1

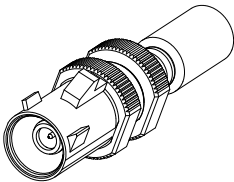
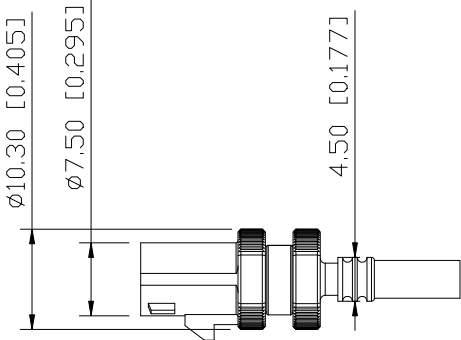
2

3

4

ROHS

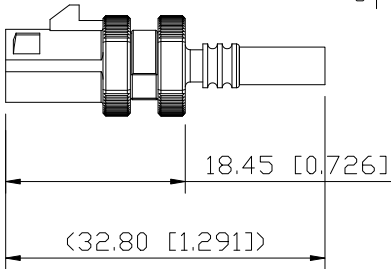
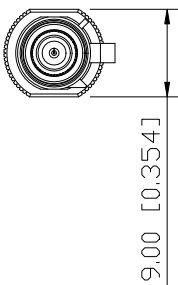
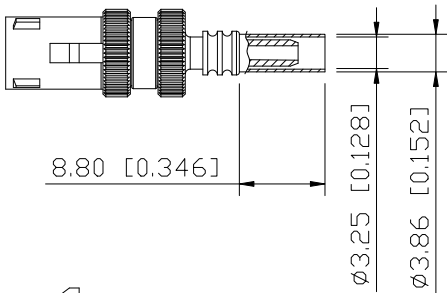
REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.26	



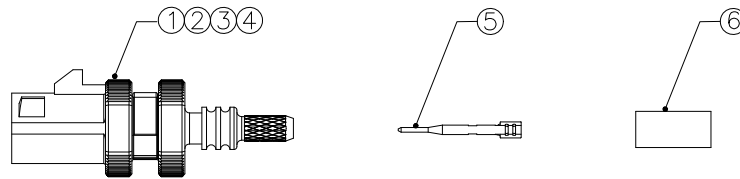
3D View

- 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 @2~3GHz;
1.60 @3~6GHz;
 - 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) : ≥25;
 - 7.Engagement force(啮合力) : ≤25N;
 - 8.Retention force latch(保持力) : ≥110N;
 - 9.Temperature range(使用温度): -40℃~+105℃;

PART NO.:
XK1PLM1S3-WA46-X
Code: A~Z



BOM List:



6	Outer Ferrule	Copper Alloy	Ni PLATED	1 PC	
5	Center Conductor	Copper Alloy	Gold PLATED	1 PC	
4	Cover	PA46		1 PC	
3	Dielectric	PTFE		1 PC	
2	Outer Conductor	Copper Alloy	Tin PLATED	1 PC	5000PCS/R
1	BODY	Zinc Alloy	Tin PLATED	1 PC	
NO.	SPEC.	MATERIAL	FINISH (Contact)	Q'TY	Note

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



DESIGN	希文	VIEW:	MODEL TYPE: FAKRA Male Connector for RG174
CHECKED		UNIT: mm/in	PART NO.: XK1PLM1S3-WA46-X
APPROVED		SIZE: A4	DWG NO.: X-XK1PLM1S3-WA46-X
SCALE			PAGE
N/A			1/2
REVISION			A0

1

2

3

4

1

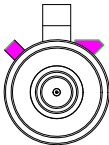
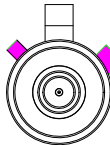
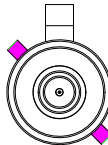
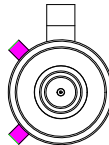
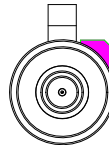
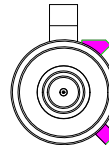
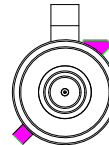
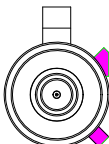
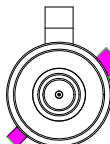
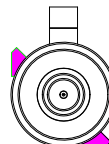
2

3

4

REVISIONS				
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE
A0	N/A		INITIAL RELEASE	2024.08.26

Code 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.	XK1PLM1S3-WA46-A	XK1PLM1S3-WA46-B	XK1PLM1S3-WA46-C	XK1PLM1S3-WA46-D	XK1PLM1S3-WA46-E	XK1PLM1S3-WA46-F	XK1PLM1S3-WA46-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.	XK1PLM1S3-WA46-H	XK1PLM1S3-WA46-I	XK1PLM1S3-WA46-K	XK1PLM1S3-WA46-L	XK1PLM1S3-WA46-M	XK1PLM1S3-WA46-N	XK1PLM1S3-WA46-Z

NOTE: ALL RIGHTS RESERVED,BANNED COPY!

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

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



XKB INDUSTRIAL PRECISION CO.,LIMITED

DESIGN	希文	VIEW: 	MODEL TYPE: FAKRA Male Connector for RG174
CHECKED		UNIT: mm/in	PART NO.: XK1PLM1S3-WA46-X
APPROVED		SIZE: A4	DWG NO.: X-XK1PLM1S3-WA46-X
			SCALE PAGE REVISION
			N/A 2/2 A0

1

2

3

4