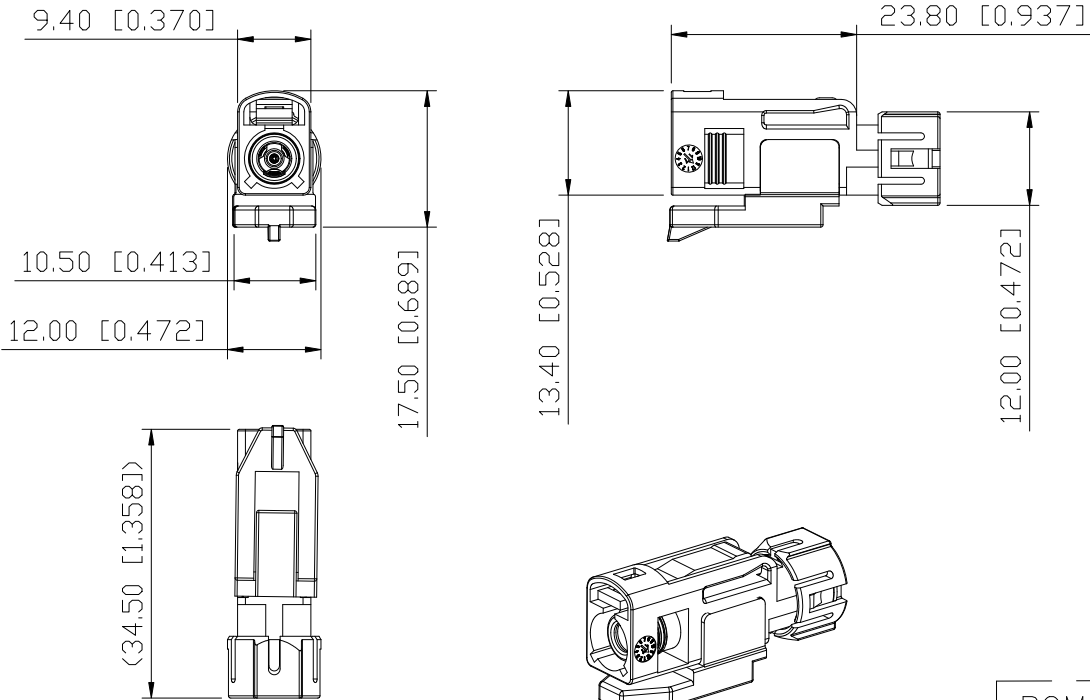


ROHS

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.24	

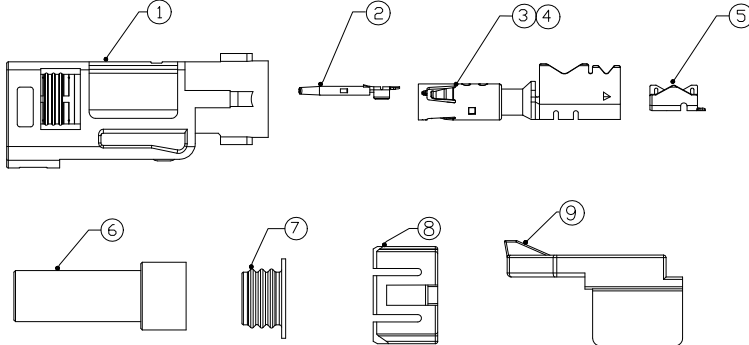


- Specifications(规格):
- 1.Impedance(特性阻抗) : 50Ω;
 - 2.Frequency (工作频率) : DC~6GHz;
 - 3.VSWR (电压驻波比) : 1.50 @2~3GHz;
1.60 @3~6GHz;
 - 4.Insulation resistance(绝缘阻抗) : ≥100MΩ;
 - 5.Dielectric withstand voltage (介质耐电压) : 800V AC;
 - 6.Mating cycles (耐久性) : ≥5;
 - 7.Engagement force(啮合力) : ≤45N;
 - 8.Retention force latch(保持力) : ≥110N;
 - 9.Temperature range(使用温度): -40℃~+105℃;

PART NO.:
XK1PLF1S7-WA16-X
Code: A~Z

3D View

BOM List:



9	Fastener	PBT		1 PC	
8	Cover	PBT		1 PC	
7	Seal Ring	Silicon Rubber		1 PC	
6	Sheath	PBT		1 PC	
5	Outer Ferrule	Copper Alloy	Tin PLATED	1 PC	5000PCS/R
4	Dielectric	PBT		1 PC	
3	Outer Conductor	Copper Alloy	Tin PLATED	1 PC	5000PCS/R
2	Center Conductor	Copper Alloy	Gold PLATED	1 PC	
1	Housing	PBT		1 PC	
NO.	SPEC.	MATERIAL	FINISH (Contact)	Q'TY	Note

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

ANGULAR	±5°
X.	±0.50
X.x	±0.30
X.xx	±0.20
X.xxx	±0.10
UNSPECIFIED TOLERANCES	

MODEL TYPE: FAKRA Female Connector for 302, IP67		
PART NO.: XK1PLF1S7-WA16-X		
DWG NO.: X-XK1PLF1S7-WA16-X		

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SCALE	PAGE	REVISION
N/A	1/2	A0

1

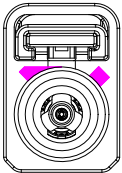
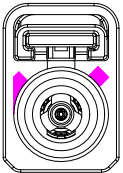
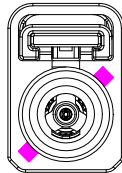
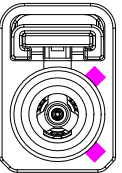
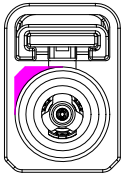
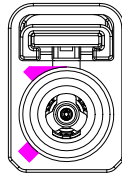
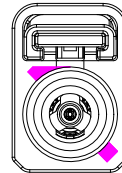
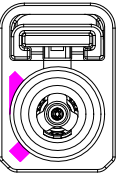
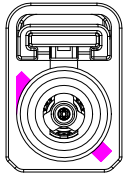
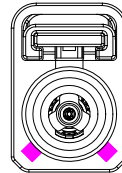
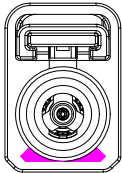
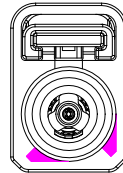
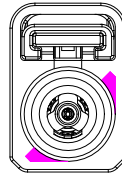
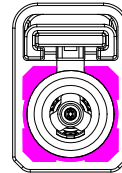
2

3

4

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.24	

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.	XK1PLF1S7-WA16-A	XK1PLF1S7-WA16-B	XK1PLF1S7-WA16-C	XK1PLF1S7-WA16-D	XK1PLF1S7-WA16-E	XK1PLF1S7-WA16-F	XK1PLF1S7-WA16-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-WA16-H	XK1PLF1S7-WA16-I	XK1PLF1S7-WA16-K	XK1PLF1S7-WA16-L	XK1PLF1S7-WA16-M	XK1PLF1S7-WA16-N	XK1PLF1S7-WA16-Z

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



DESIGN	希文	VIEW: 	MODEL TYPE: FAKRA Female Connector for 302, IP67		
CHECKED		UNIT: mm/in	PART NO.: XK1PLF1S7-WA16-X		
APPROVED		SIZE: A4	DWG NO.: X-XK1PLF1S7-WA16-X		
			SCALE	PAGE	REVISION
			N/A	2/2	A0

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