

ROHS

REVISIONS					
REV.	ECN NO.	LOCATION	DESCRIPTION	DATE	DESIGN
A0	N/A		INITIAL RELEASE	2024.08.12	

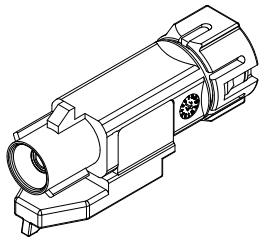
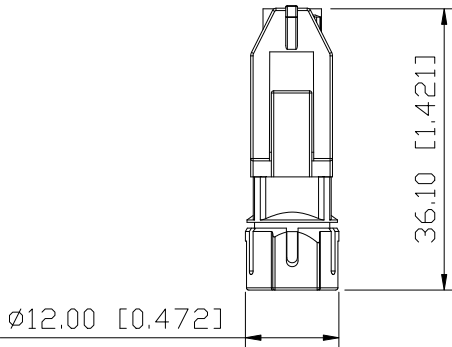
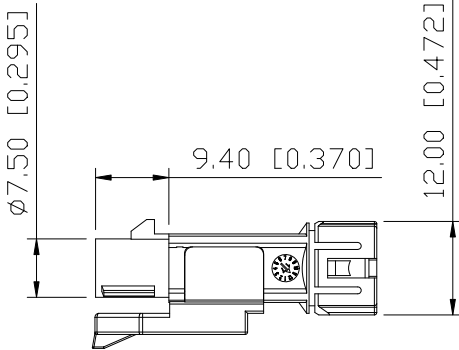
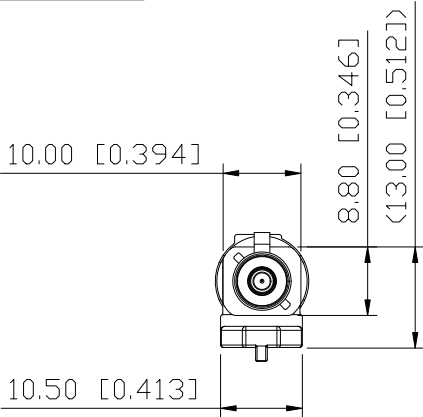
Specifications(规格):

- 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 cycles;
- 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.:

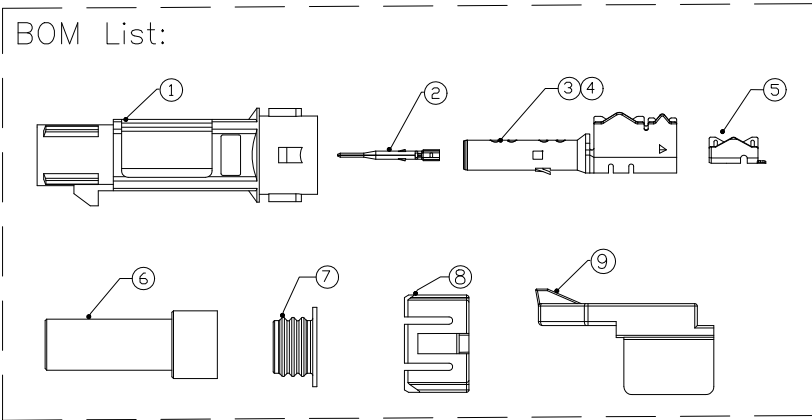
XK1PLM1S3-WA16-X

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	
2	Center Conductor	Copper Alloy	Gold PLATED	1 PC	5000PCS/R
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

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ANGLAR	±5°	
X.	±0.50	
X.x	±0.30	
X.xx	±0.20	
X.xxx	±0.10	
UNSPECIFIED TOLERANCES		
MODEL TYPE:		
FAKRA Male Connector for RG174,IP67		
PART NO.:		
XK1PLM1S3-WA16-X		
DWG NO.:		
X-XK1PLM1S3-WA16-X		
SCALE	PAGE	REVISION
N/A	1/2	A0

1

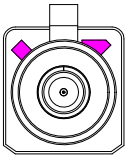
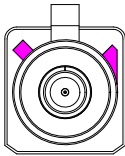
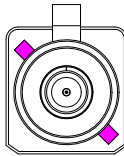
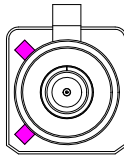
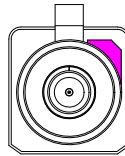
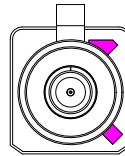
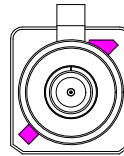
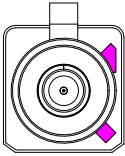
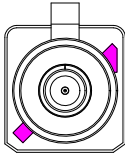
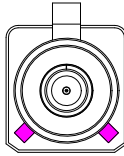
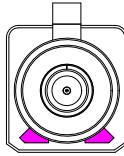
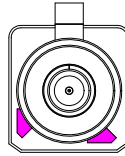
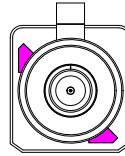
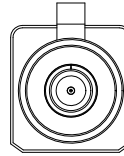
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REVISIONS				
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A0	N/A		INITIAL RELEASE	2024.08.12

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-WA16-A	XK1PLM1S3-WA16-B	XK1PLM1S3-WA16-C	XK1PLM1S3-WA16-D	XK1PLM1S3-WA16-E	XK1PLM1S3-WA16-F	XK1PLM1S3-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.	XK1PLM1S3-WA16-H	XK1PLM1S3-WA16-I	XK1PLM1S3-WA16-K	XK1PLM1S3-WA16-L	XK1PLM1S3-WA16-M	XK1PLM1S3-WA16-N	XK1PLM1S3-WA16-Z

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UNSPECIFIED TOLERANCES	



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DWG NO.:	X-XK1PLM1S3-WA16-X

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SCALE	PAGE	REVISION
N/A	2/2	A0

1

2

3

4