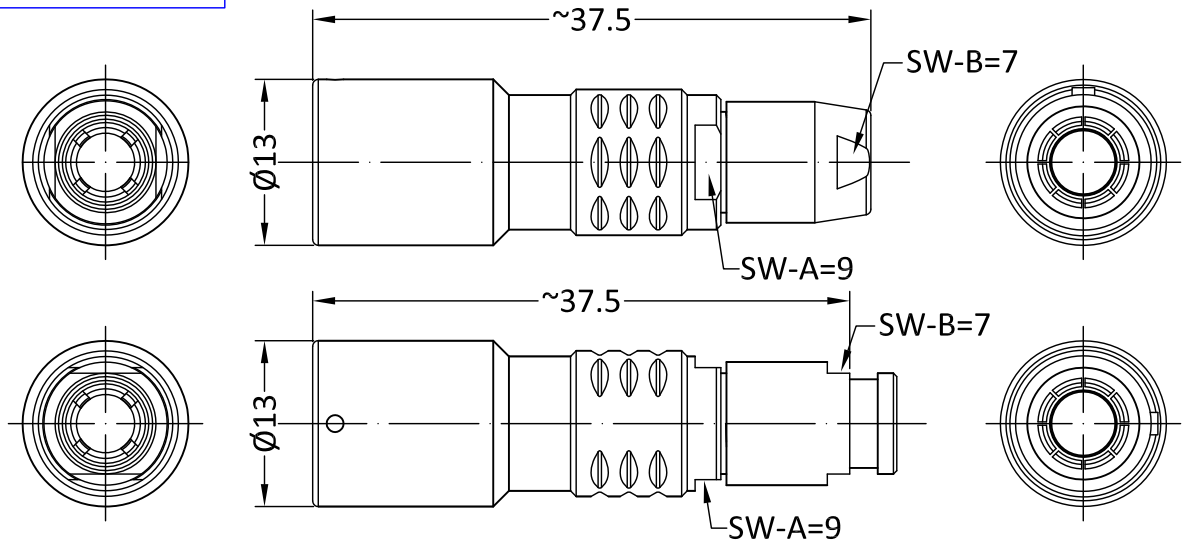


2D REFERENCE SIZE(UNIT:mm)



- Housing Material: Brass pearled chrome
- Insulator Material: PPS
- Contact Material: Copper alloy
- Mating cycle: 5000 times(IEC 60512 test 9a)
- IP Rating: IP68. (IEC 60529)
- Humidity (max): <=95%[at 60℃]
- Temp (min/max): -55℃~+125℃(GB/T2423.3)
- Vibration: 10-2000Hz, 15g(IEC 60512-4 test 6d)
- Shock Resistance: 100g, 6ms(IEC 60512-4 test 6c)
- Salt Spray Corrosion: >96h(IEC 60512-6 test 11f)



Images is for illustrative purpose only

PART NUMBERING SYSTEM:

FREE SOCKET

MODEL

KEY:
G=0°; A=30°;
B=60°; C=90°; ...

SERIES

CONTACTS:3=MULTICORE;
09=9PINS (2~9PINS OPTIONAL)

HOUSING:
C=BRASS PEARLED CHROME;
K=BRASS PLATED BLACK CHROME;
T=ALUMINIUM ALLOY PLATED NICKEL

INSULATOR:
P=PPS;K=PEEK;

SHG.0K309.CPLC.**.*

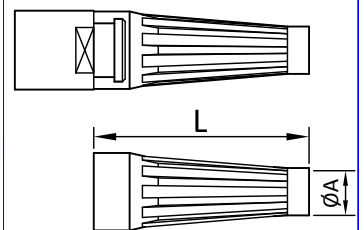
VARIABLE PARAMETER:
M=OVERMOLDING;
EMPTY=COLLET NUT
WITHOUT BEND RELIEF

COLOR FOR BEND RELIEF:
G=GREY;B=BLUE;W=WHITE;
L=BLACK;R=RED;Y=YELLOW;
M=BROWN;O=ORANGE;V=GREEN

CABLE:
32=(CABLEØ2.6mm-3.1mm);
42=(CABLEØ3.2mm-4.1mm);
52=(CABLEØ4.2mm-5.1mm);

C: CABLE COLLET

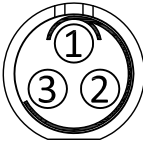
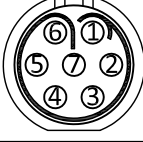
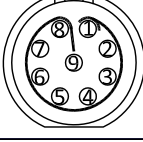
CONTACTS TYPE:
A=MALE SOLDER ;L:FEMALE SOLDER;
D=PCB-MALE ;N=PCB-FEMALE;V=PCB- FEMALE ELBOW



SIZE(mm)

BEND RELIEF	A	L	CABLEφ	
			Max	Min
3.0		30	3.1	2.6
4.0		30	4.1	3.2
5.0		30	5.1	4.2

*=Customers can choose the model according to their own needs

P/N	CORE	TYPE	PIN DIA (mm)	WORK VOLTAGE (KV rms)		RATED CURRENT (A)	CONTACT R ESISTANCE (mΩ)	CABLE (AWG)	
				CONTACTS- CONTACTS	CONTACTS- SHELL			min.	max.
SHG.0K302.CP*	2		0.9	1.05	1.35	10	6	32	20
SHG.0K303.CP*	3		0.9	1.2	0.9	8	6	32	20
SHG.0K304.CP*	4		0.7	0.85	0.7	7	7.5	32	22
SHG.0K305.CP*	5		0.7	1.0	0.7	6.5	7.5	32	22
SHG.0K306.CP*	6		0.5	0.85	0.65	2.5	10	32	28
SHG.0K307.CP*	7		0.5	0.8	0.7	2.5	10	32	28
SHG.0K309.CP*	9		0.5	0.6	0.5	2.0	10	32	28

*=Customers can choose the model according to their own needs