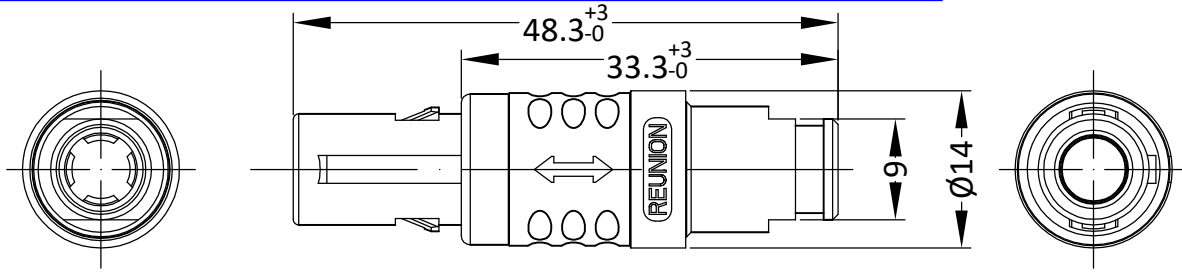


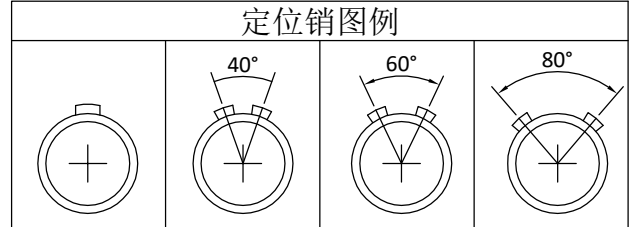
2D REFERENCE SIZE (UNIT: mm)



The unmarked dimensional tolerance is  $\pm 0.2\text{mm}$



定位销图例



- HOUSING MATERIALS: ABC/PC&PSU.
- INSULATOR MATERIALS: PPS.
- CONTACTS MATERIALS: COPPER ALLOY
- MATING CYCLE: 2000 TIMES. (IEC 60512 test 9a)
- IP LEVEL: IP50 . (IEC 60529)
- POERATING TEMPERATURE:  $-40^{\circ}\text{C}\sim+85^{\circ}\text{C}$ . (GB/T2423.22-IEC 60068-2-14)
- SALT SPRAY CORROSION:  $>48\text{h}$ . (IEC 60512-6 test 11f)
- Humidity (max):  $\leq 95\%[\text{at } 60^{\circ}\text{C}]$ . (GB/T2423.3-IEC60068-2-78)



Images is for illustrative purpose only

### 1P Series part numbering system :

STRAIGHT PLUG

PFG·1P308·APAC·\*\*·\*

MODEL

KEY:  
G=0° ; A=40° ;  
B=60° ; C=80° ;

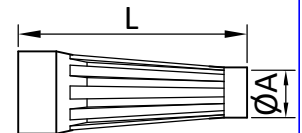
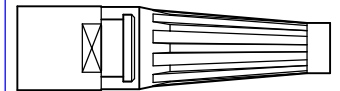
SERIES

CONTACTS:3=MULTICORE;  
08=8PINS (2~14PINS OPTIONAL)

HOUSING:  
A=GREY;  
W=WHITE;  
L=BLACK;

HOUSING MATERIALS:  
P=ABS/PC;S=PSU;

CONTACTS TYPE:  
A=SOLDER PIN;L: SOLDER HOLES;  
D=PCB PIN;N=PCB HOLES;V=PCB ELBOW



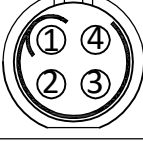
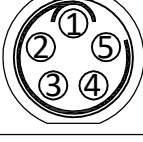
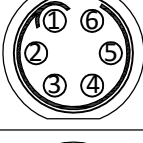
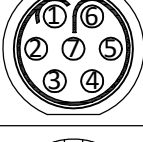
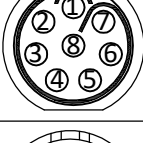
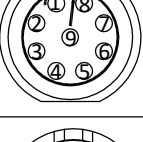
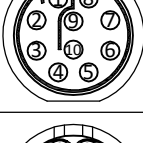
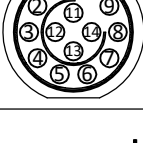


- VARIABLE PARAMETER:  
M=OVERMOLDING;  
EMPTY=COLLET NUT WITHOUT BEND RELIEF
- COLOR FOR BEND RELIEF:  
A=GREY;B=BLUE;W=WHITE;  
L=BLACK;R=RED;Y=YELLOW;  
M=BROWN;O=ORANGE;V=GREEN
- COLLET SIZE:  
42=(CABLEØ3.2mm-4.1mm);  
52=(CABLEØ4.2mm-5.1mm);  
62=(CABLEØ5.2mm-6.1mm);

CABLE COLLET:

SIZE(mm)			
BEND RELIEF		CABLEφ	
A	L	Max	Min
3.0	30	3.1	2.6
4.0	30	4.1	3.2
5.0	30	5.1	4.2
6.0	30	6.1	5.2

\*=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.
PFG.1P302.APAC.***	2		1.3	1.2	/	14	5	26	18
PFG.1P303.APAC.***	3		1.3	1.2	/	14	5	26	18
PFG.1P304.APAC.***	4		0.9	1.2	/	10	6	32	20
PFG.1P305.APAC.***	5		0.9	1.05	/	9	6	32	20
PFG.1P306.APAC.***	6		0.7	1.05	/	7	7.5	32	22
PFG.1P307.APAC.***	7		0.7	1.05	/	7	7.5	32	22
PFG.1P308.APAC.***	8		0.7	1.05	/	5	7.5	32	22
PFG.1P309.APAC.***	9		0.5	0.85	/	2.5	10	32	22
PFG.1P310.APAC.***	10		0.5	0.85	/	2	10	32	28
PFG.1P314.APAC.***	14		0.5	0.6	/	1.5	10	32	28

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