












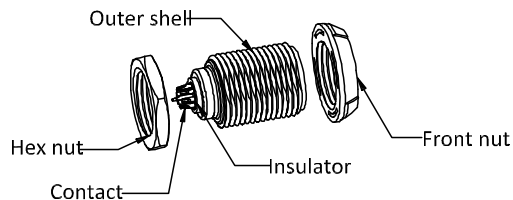
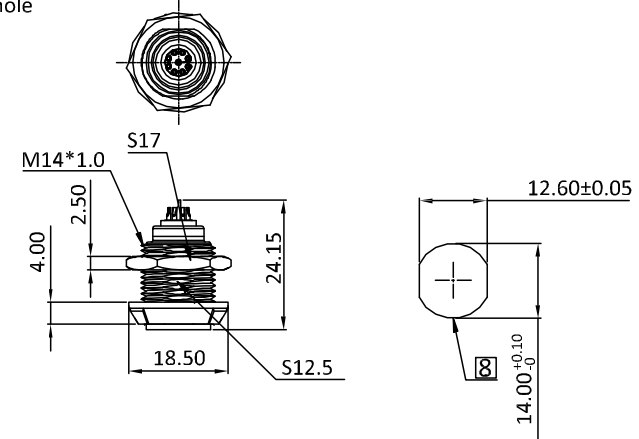
Snap latch assembly p/n description


- R - M B 1 - X - X P X X - X X X X - X
- 1 Bonded _____
 - 2 Medical _____
 - 3 Style B1=PK(Receptacle with two nuts)
(back panel mounting)
----soldertermination _____
 - 4 Outer shell material
G=Grey psu _____
B=Black psu _____
M=White psu _____
F=Black pei _____
P=Grey pei _____
 - 5 Back nut material
0=Black _____
1=White _____
2=Red _____
4=Yellow _____
5=Green _____
6=Blue _____
8=Grey _____
 - 6 Insulator P=Peek _____
 - 7 Contact diameter
1=1.3mm(only for 2;3 pin) _____
2=0.9mm(only for 4;5pin) _____
3=0.7mm(only for 6;7;8pin) _____
4=0.5mm(only for 9;10;12;14 pin) _____
 - 8 Contact plating
1=Gold plated 1u" _____
2=Gold plated 20u" _____
3=Gold plated 30u" _____
 - 9 Cable collet 0=No cable collet _____
 - 10 Coding
0= 0° _____
A=40° _____
C=60° _____
E=80° _____
H=170° _____
S=190° _____
J= 205° _____
 - 11 Number of contacts
02=2 Pin _____
03=3 Pin _____
04=4 Pin _____
05=5 Pin _____
06=6 Pin _____
07=7 Pin _____
08=8 Pin _____
09=9 Pin _____
10=10 Pin _____
12=12 Pin _____
14=14 Pin _____
 - 12 Logo
0 = Logo AND "GRASP HERE" Logo
G = NO LOGO, with "GRASP HERE" Logo _____

Positions	View from termination side Pin part
2 Pin	
3 Pin	
4 Pin	
5 Pin	
6 Pin	
7 Pin	
8 Pin	
9 Pin	
10 Pin	
12 Pin	
14 Pin	

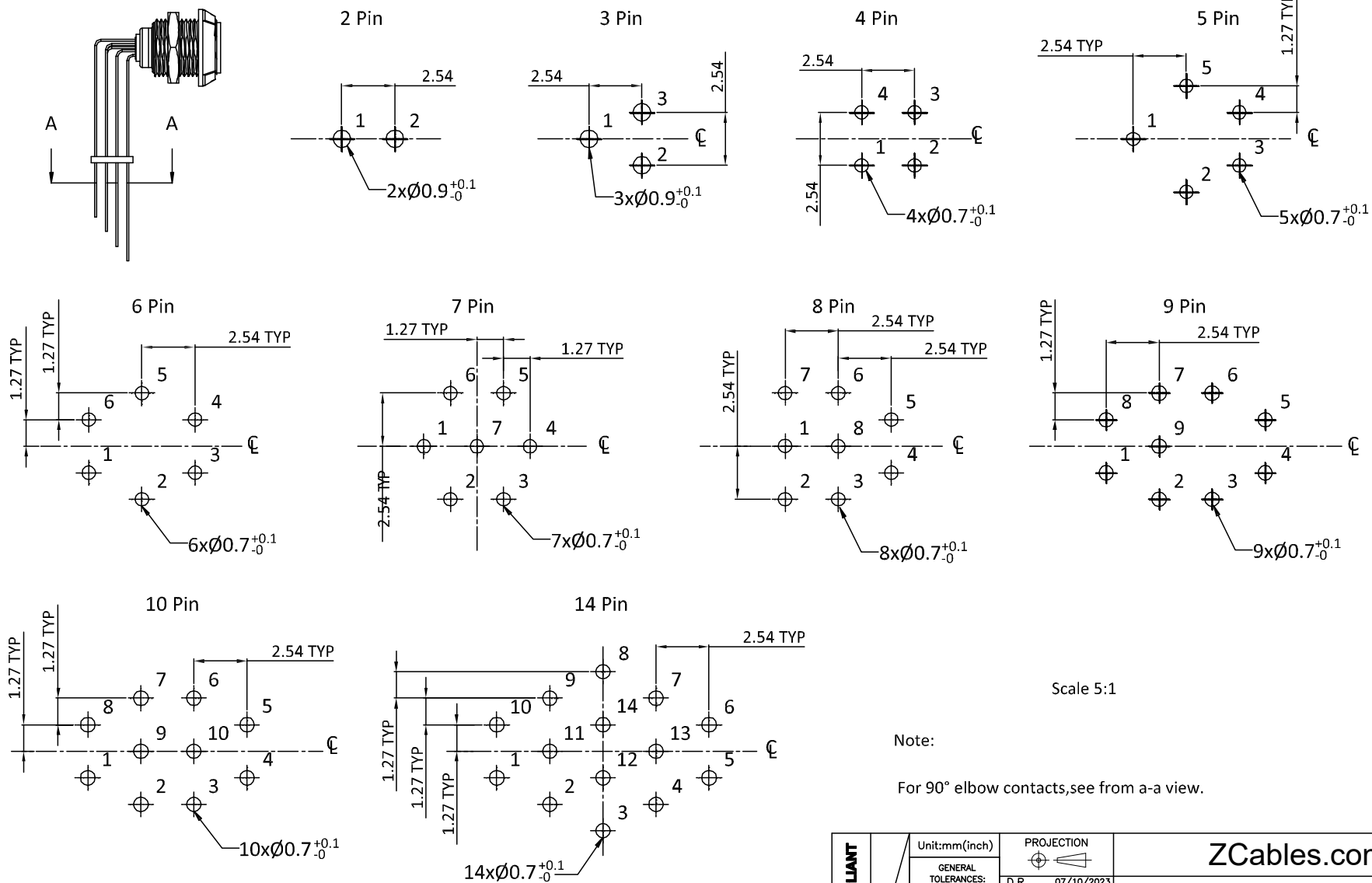
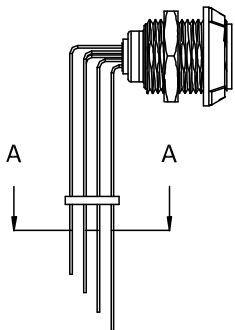
Notes:

- 1.Material
Outer shell : psu/pei
Insulator : peek
Contact : cooper alloy
Hex nut : copper alloy
Front nut : psu/pei
 - 2.Mechanical characteristics
Endurance: 300 mating cycles or 2000 mating cycles
Insertion force: 19.6 N Max
Pull-out force: 19.6 N Max
Retention force : 90N Min.
 - 3.Electrical specifications
Insulation resistance: 1000MΩ
- | Characteristics | 2Pin | 3Pin | 4Pin | 5Pin | 6Pin | 7Pin | 8Pin | 9Pin | 10Pin | 12Pin | 14Pin |
|---|------|------|------|------|------|------|------|------|-------|-------|-------|
| Contact resistance /mΩ max | 3.5 | 3.5 | 4.5 | 4.5 | 6.5 | 6.5 | 6.5 | 8.5 | 8.5 | 8.5 | 8.5 |
| Dielectric withstanding volt /kV ac rms | 1.2 | 1.2 | 1.2 | 1.05 | 1.05 | 1.05 | 1.05 | 0.85 | 0.85 | 0.75 | 0.6 |
| Current rating /A per pin | 10 | 10 | 8 | 7 | 6 | 5 | 5 | 3 | 3 | 2.5 | 2 |
- 4.Characteristics
Temperature range: Psu shell: -50~+150°C
Pei shell : -50~+170°C
Protection index: IP 50
Humidity: 60°C at 95% HR comply with EIA-364-31
 - 5.Number of contact : 2 to 14 position
 - 6.All dimensions are in millimeters.
 - 7.RoHS directive compliance
 Panel hole



RoHS COMPLIANT	Unit:mm(inch)	PROJECTION 	ZCables.com		PD./FILE NO.	
	GENERAL TOLERANCES: (UNLESS SPECIFIED)	D.R. 07/10/2023	TITLE 1P Series , Fixed Socket With Two Nuts , Female Solder Contact , Grey PSU , Blue , 7 Pin			
	0 =±1 (0.039) 0.0 =±1.5 (0.02) 0.00 =±.3 (0.012) 0.000=±.15(0.006)	Philip CH.K 07/10/2023	SCALE	SIZE	PART NO.	REV. 01
	0° =± 2' 0.0° =± 1'	Philip APV.D 07/10/2023 Richard	1:1	A4	PZACF1PXD19071	SHEET 1 OF 2

1	2	3	4	5	6	7	8				
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						01		INITIAL DESIGN	Philip	Richard	07/10/2023
						02					
						03					



Scale 5:1

Note:
For 90° elbow contacts, see from a-a view.

RoHS COMPLIANT	Unit:mm(inch)	PROJECTION 	ZCables.com	
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	0 = ±1 (0.039)	D.R. 07/10/2023	1P Series , Fixed Socket With Two Nuts , Female Solder Contact , Grey PSU , Blue , 7 Pin	PD./FILE NO.
	0.0 = ±.3 (0.012)	CH.K 07/10/2023	Philip	
0.000 = ±.15(0.006)	APV.D 07/10/2023	Philip	SCALE	
0° = ± 2'	Richard	Richard	SIZE	
0.0° = ± 1'			PART NO.	
			PZACF1PXD19071	
			REV. 01	
			SHEET 2 OF 2	