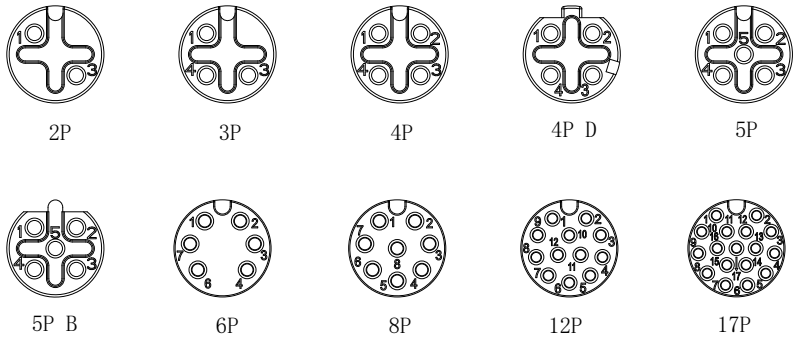
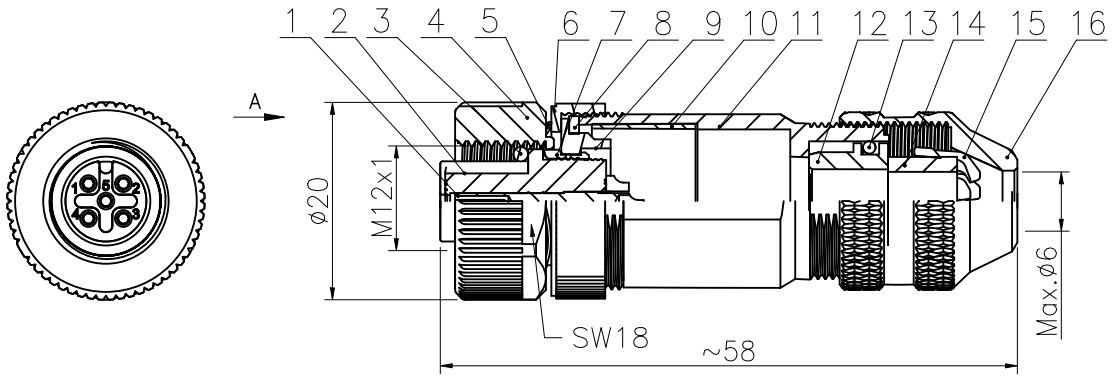
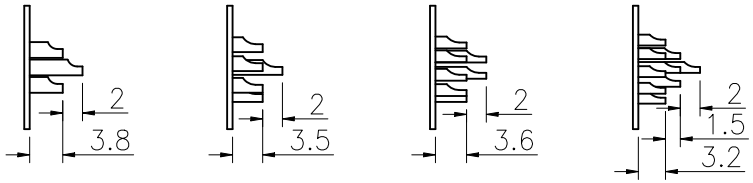
No.	Specification	Unit	Q'ty	No.	Specification	Unit	Q'ty
1	Welded wire type female needle straight needle	pc	2~17	9	M12 female head welded wire assembly main trunk sleeve S-290	pc	1
2	M12 hole type rubber core short body with chamfer	pc	1	10	M12 metal assembly lined with black S-320	pc	1
3	Nitrile rubber Φ9*Φ6*1.5 black	pc	1	11	M12 threaded body metal assembly S-316	pc	1
4	M12 threaded nut female Assembly with hexagonal S-253	pc	1	12	M12 Metal Assembly Shield ring PG7 Specification Silver S-321	pc	1
5	Metal assembly type corrugated gasket Φ16.5*Φ15.3-0.3	pc	1	13	Nitrile rubber Φ12*Φ9*1.5 black	pc	1
6	M12 body connection nuts copper housing S-319	pc	1	14	PG7 Black M12 plastic assembled waterproof rubber plug	pc	1
7	M12 female head welding wire assembly main trunk set S-291	pc	1	15	M12 plastic packaged tail claw PG7 specification white	pc	1
8	Φ17.2*Φ13.6-1 M12 welding wire package waterproof gasket	pc	1	16	M12 Threaded tail lock nut PG7 specification S-317	pc	1

Core layout





A:Cup height



Technical parameters

Connection type: screw joint

Mode of connection: Wire solder

Class of pollution: 3

Temperature range: -40°C ~ +80°C

Level of protection: IP67

Insertion and removal cycle: ≥500

Materials

Canning material: zinc alloy/Brass, Nickelage

Contact material: Brass, Gold plating

Insulator material: Reinforced nylon, Black

Sealing material: Silica gel/Rubber, Black

Number of cores	2	3	4	4D	5	5B	6	8	12	17
Rated current voltage	4A/250V	4A/250V	4A/250V	4A/250V	4A/60V	4A/60V	2A/30V	2A/30V	1.5A/30V	1.5A/30V
Rated pulse voltage	2500V	2500V	2500V	2500V	1500V	1500V	800V	800V	800V	800V
Insulation resistance(MΩ)	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100	≥100
Contact resistance(mΩ)	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5	≤ 5

GENERAL TOLERANCE (UNLESS SPECIFIED)		绘图 DWN	C.Z.H 2024.8.1			CAZN® 正成	
≤10	±0.1						
<10~≤20	±0.2	确认 CHK					
<20~≤50	±0.5						
Angle	±1°	核准 APVD				品名 TITLE	M12 Straight pass metal assembly plug welded cable PG7 Outlet hole (screw-crimped housing)
视角 THIRD ANGLE		单位 UNIT	MM	版本 REV	A	品号 PART NO	
		尺寸 SIZE	A4	页码 SHEET	1 OF 1	型号 DRAWING NO	M12XXXFBSFWSC406002