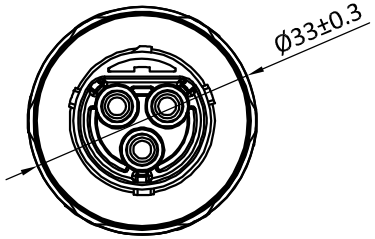
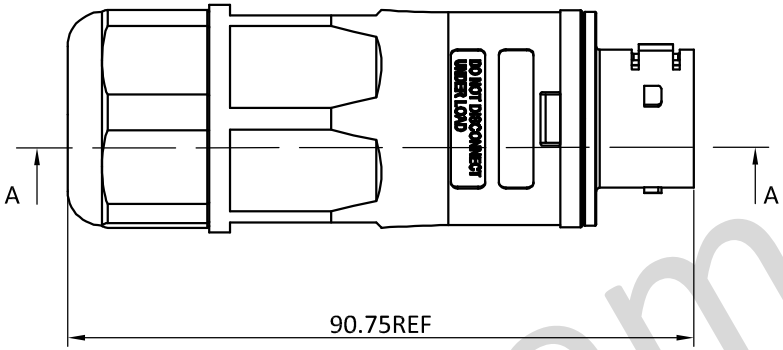
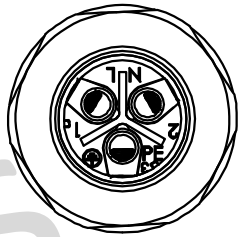
2300931212_AC Connector(3 core,two seals,male)

RoHS

CHANGE NO.	CHANGE CONTENTS	REV.	NAME/DATE
①	Add seal; update Cable O.D; update current; update name	1.0	YFT 2022-8-9

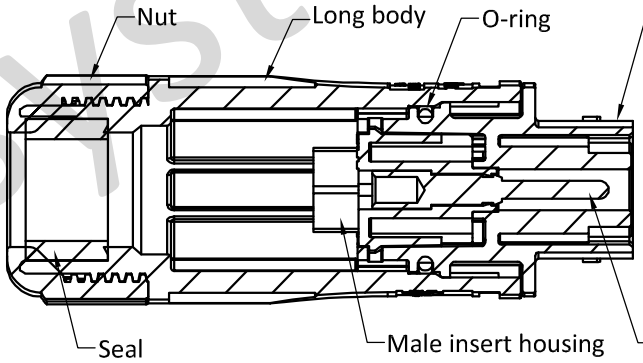






Single-phase connect to L/N/PE
Three-phase connect to 1/2/3

A-A
1 : 1



Notes:
Electrical
1. Rated Voltage: 250V AC;
2. Rated Impulse Voltage: 4000V;
3. Rated Current: CSA 32A, TUV 35A;
4. Contact Resistance:≤5mΩ;
5. Insulation Resistance:≥500MΩ;

Mechanical:
1. Mating Cycle:≥500;
2. Cable Retention Force:≥120N;
3. Pin Retention Force:≥80N;
4. Cable O.D:10~15mm;
5. Wire Size: ≤6.0mm²(10AWG);

Environmental:
1. Waterproof Rate: IP68 1m24H;
2. Application Temperature: -40°C~+105°C;
3. Flaming Level: UL94-V0;

Material:
1. Plastic Material: PC&PBT(f1)
2. Pin Material: Copper Alloy, Sliver Plating;
3. Sealing Material: Silicone Rubber;
4. Screw Material: SUS, Torque 0.8N.m

Others:
1. Type No.: EN034-2103-101;
2 Packaging: Blank Cartons

① Two seals
Seal inner diameter ϕ17 (black)
For cable size : 4mm² or 10AWG

Seal inner diameter ϕ13 (grey)
For cable size : 2.5mm² or 12AWG

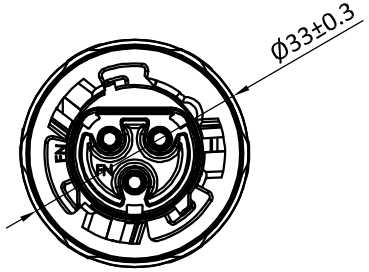
TOLERANCES UNLESS OTHERWISE SPECIFIED				MATERIAL	APsystems ALTENERGY POWER
X.:	±0.20	X°:	±2.00°		NAME
.X:	±0.10	.X°:	±1.00°		AC Connector (3 core,two seals,male)
.XX:	±0.05	.XX°:	±0.50°		
.XXX:	±0.03	.XXX°:	±0.30°		
DWN.		UNIT mm			DRAWING NO. -
CHK.		SHEET --	OF --	REV. 1.0	

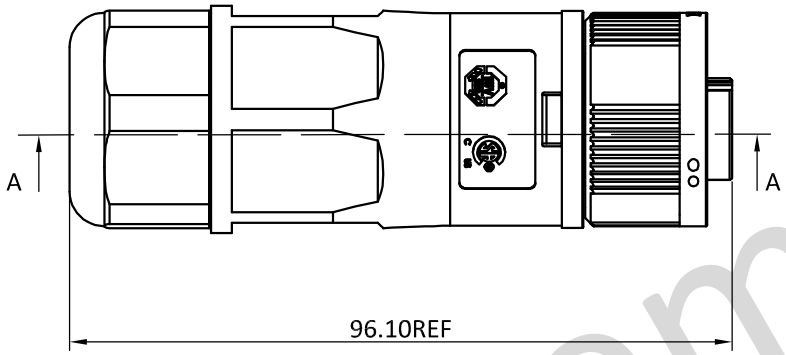
APsystems

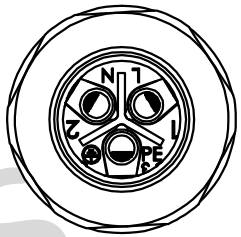
2300932212_AC Connector(3 core,two seals,female)

RoHS

CHANGE NO.	CHANGE CONTENTS	REV.	NAME/DATE
①	Add seal; update Cable O.D; update current; update name	1.0	YFT 2022-8-9

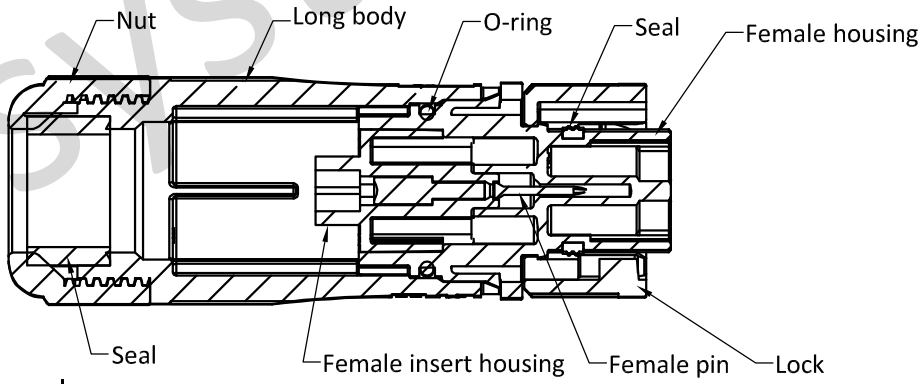






Single-phase connect to L/N/PE
Three-phase connect to 1/2/3

A-A
1 : 1



Notes:
Electrical
1. Rated Voltage: 250V AC;
2. Rated Impulse Voltage: 4000V;
3. Rated Current: CSA 32A, TUV 35A;
4. Contact Resistance:≤5mΩ;
5. Insulation Resistance:≥500MΩ;

Mechanical:
1. Mating Cycle:≥500;
2. Cable Retention Force:≥120N;
3. Pin Retention Force:≥80N;
4. Cable O.D:10~15mm;
5. Wire Size: ≤6.0mm²(10AWG);

Environmental:
1. Waterproof Rate: IP68 1m24H;
2. Application Temperature: -40°C~+105°C;
3. Flaming Level: UL94-V0;

Material:
1. Plastic Material: PC&PBT(f1)
2. Pin Material: Copper Alloy, Sliver Plating;
3. Sealing Material: Silicone Rubber;
4. Screw Material: SUS, Torque 0.8N.m

Others:
1. Type No.: EN034-2203-101;
2 Packaging: Blank Cartons

① Two seals
Seal inner diameter ϕ17 (black)
For cable size : 4mm² or 10AWG

Seal inner diameter ϕ13 (grey)
For cable size : 2.5mm² or 12AWG

TOLERANCES UNLESS OTHERWISE SPECIFIED				MATERIAL	APsystems ALTENERGY POWER
X.:	±0.20	X°:	±2.00°		NAME: AC Connector (3 core,two seals,female)
.X:	±0.10	.X°:	±1.00°		
.XX:	±0.05	.XX°:	±0.50°		
.XXX:	±0.03	.XXX°:	±0.30°		
DWN.		UNIT mm			DRAWING NO. -
CHK.		SHEET --	OF --	REV. 1.0	

APsystems