

MY86 series confined electrical connector

Products description

- Applicable downhole logging equipment, signal transmission in the oil exploration industry
- Withstanding the 140MPa liquid pressure
- Implementation of enterprise standard:Q/21EJ650

Main technical characteristics

Mechanical

-----Shell: withstanding high temperature alloys
 ----Insulation: Withstanding high temperature material
 -----Contact: golden plating
 -----Endurance: 500cycles

Environmental

-----Environmental temperature: $-55^{\circ}\text{C}\sim+175^{\circ}\text{C}$
 -----Relative humid: temperature $40^{\circ}\text{C}\pm 2^{\circ}\text{C}$ up to 90%~95% (wet and humid state)
 -----Use of region: underground 140MPa high pressure, 175°C high temperature region

Electrical

-----Withstanding voltage:

conditions	Withstanding voltage (DC or 50Hz the AC valid voltage)
Room temperature	1500 V (2 cores, 5 cores, 9 cores, 10 cores, 15 cores, 31 cores, 37 cores, 67cores, 68cores Withstanding voltage 1000V, 7core Withstanding voltage500V)
Wet and humid state	850V (2 cores, 5 cores, 9 cores, 10 cores, 15 cores, 31 cores, 37 cores, 67cores, 68cores Withstanding voltage500V)

-----Insulation resistance:

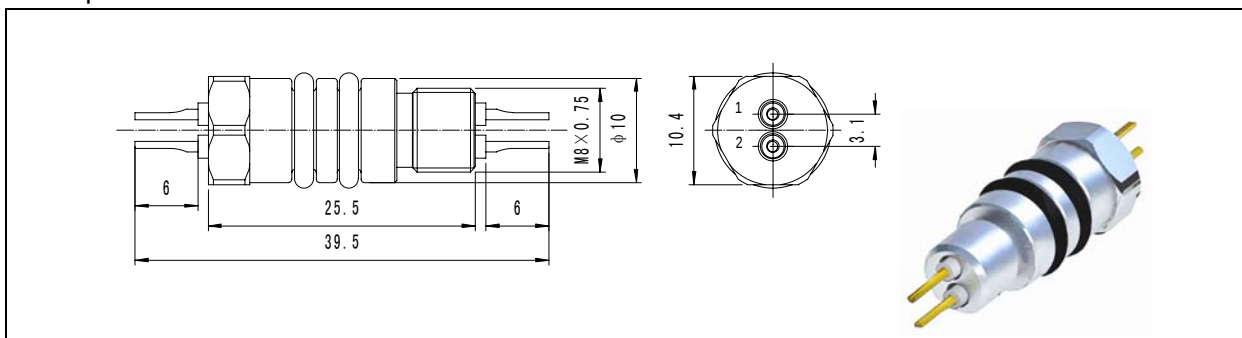
conditions	insulation resistance (Test voltage 500V DC or 50Hz AC valid value)
Room temperature state	1500 M Ω (2 cores, 5cores, 7cores, 9cores, 10cores, 15cores, 31cores Insulation resistance 1000 M Ω , 67coreInsulation resistance 500 M Ω)
Wet and humid state	100 M Ω
High temperature	100 M Ω

Ordering information

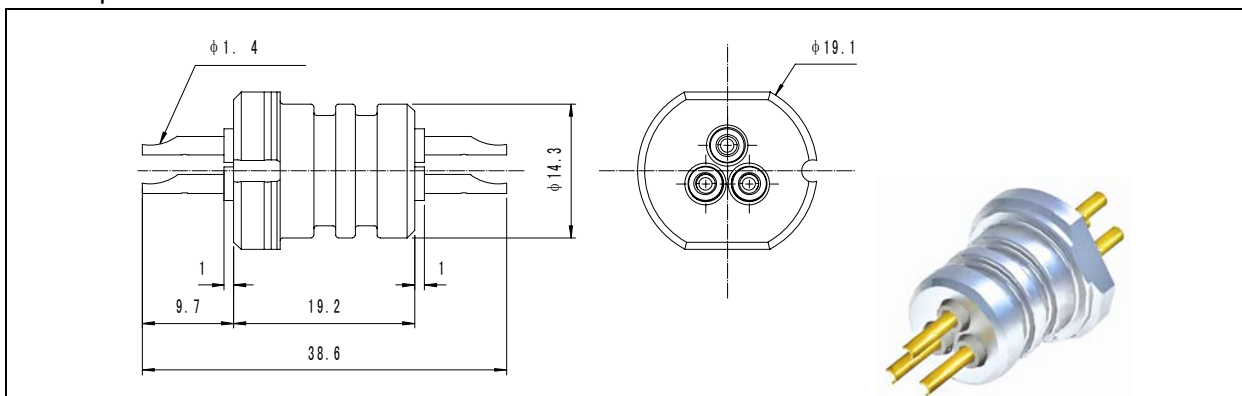
Basic series	B-	3	T1-	01
MY86-oil field logging equipment for round electrical connectors				
Modified models				
B(just for 9 contacts, 10 contacts)				
Contact number				
2, 3, 5, 9, 10.....68				
type				
T1, T2, T3, T4-Plug Z1, Z2-Receptacle				
Extended serial number				
01, 02				

Dimensions

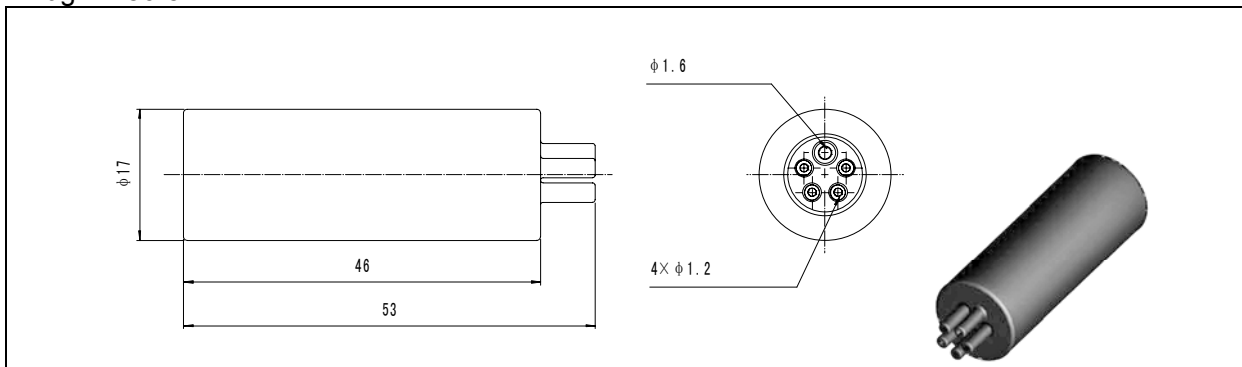
Receptacle MY86-2Z



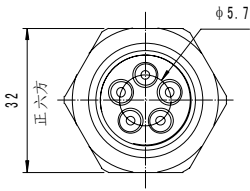
Receptacle MY86-3Z



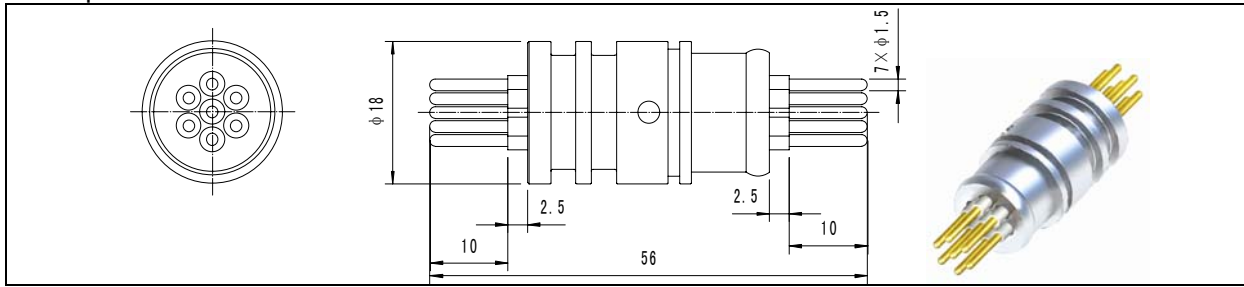
Plug MY86-5T



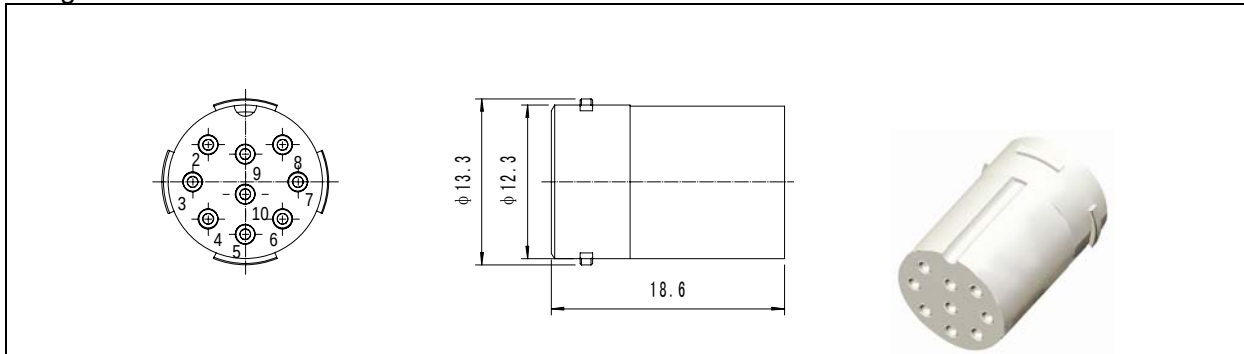
Receptacle MY86-5Z



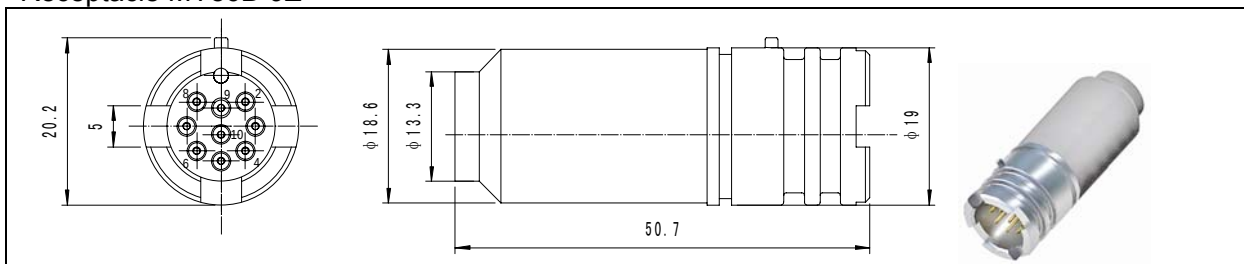
Receptacle MY86-7Z-01



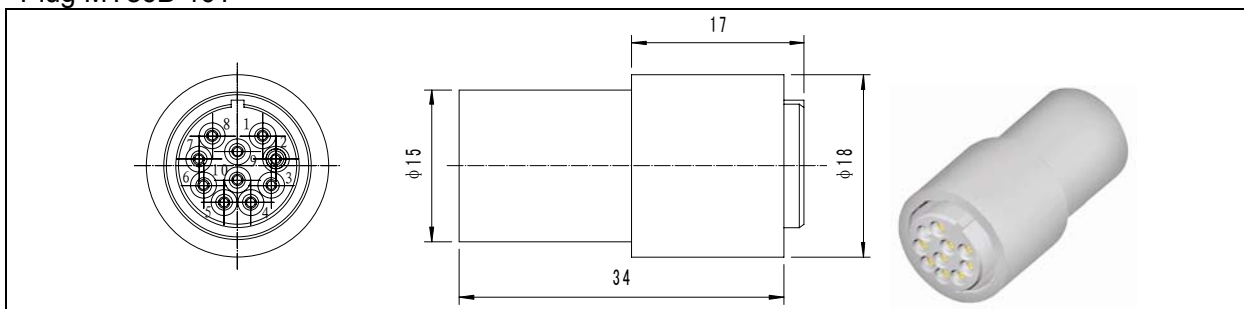
Plug MY86-9T



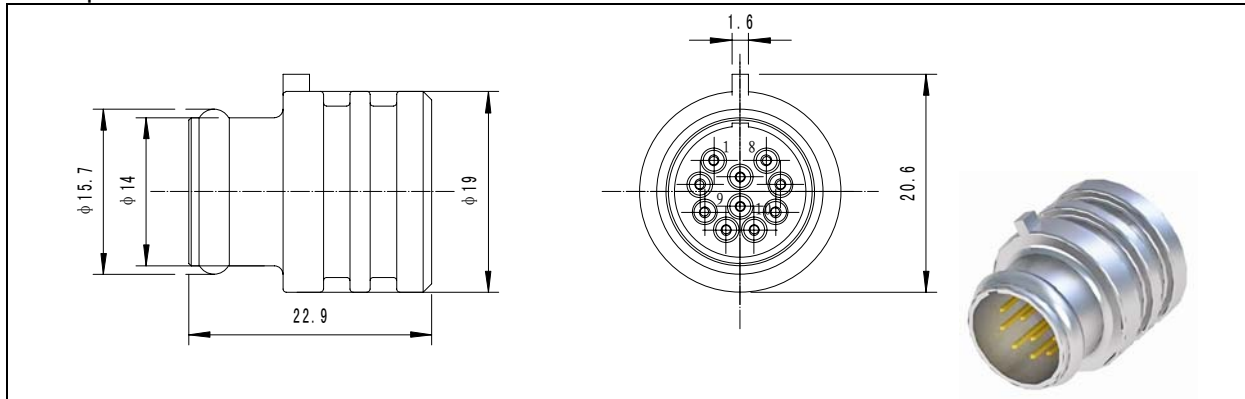
Receptacle MY86B-9Z



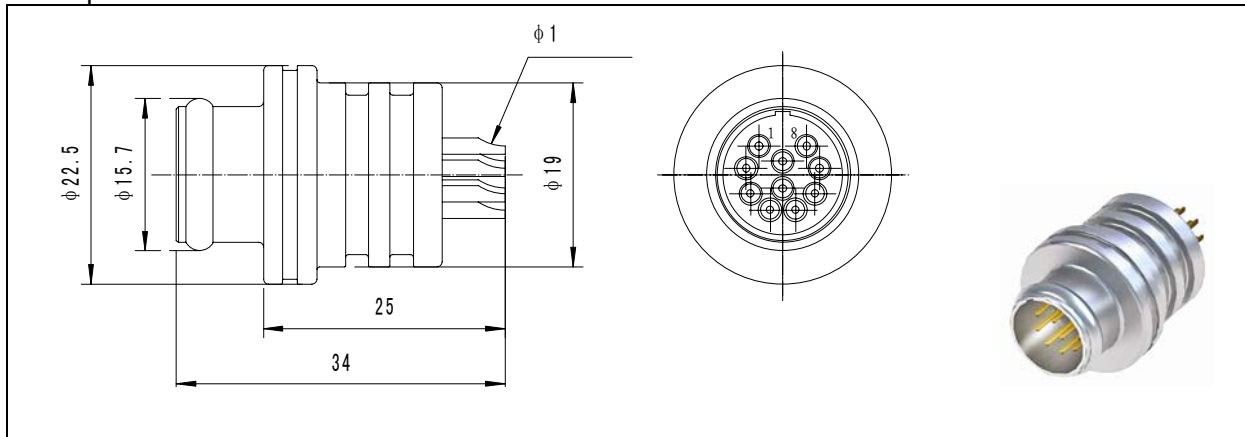
Plug MY86B-10T



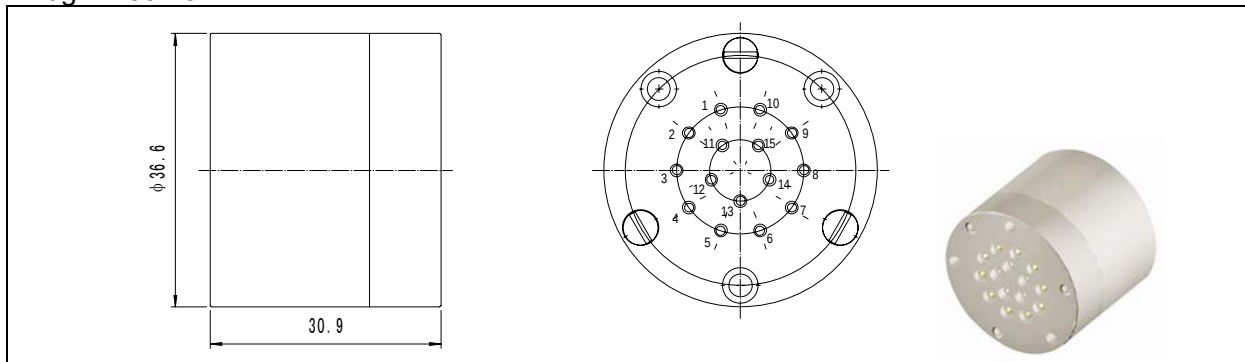
Receptacle MY86B-10Z



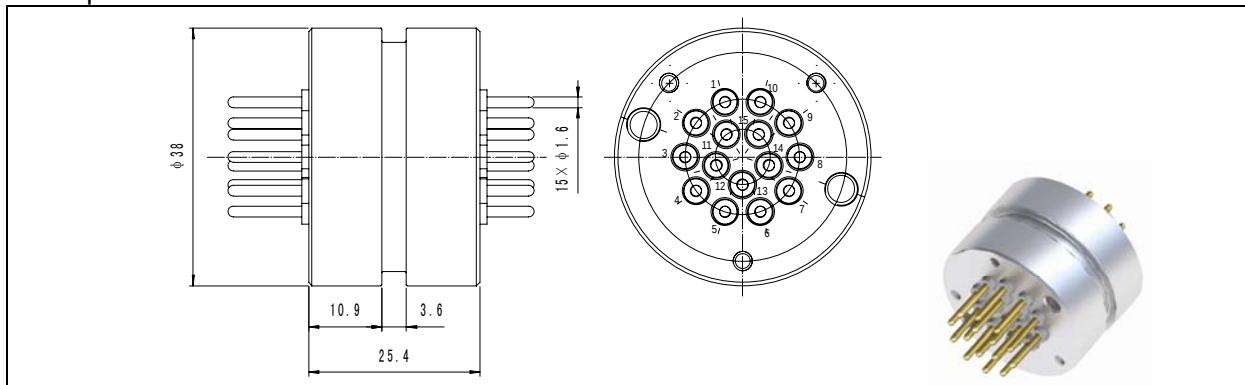
Receptacle MY86B-10Z-01



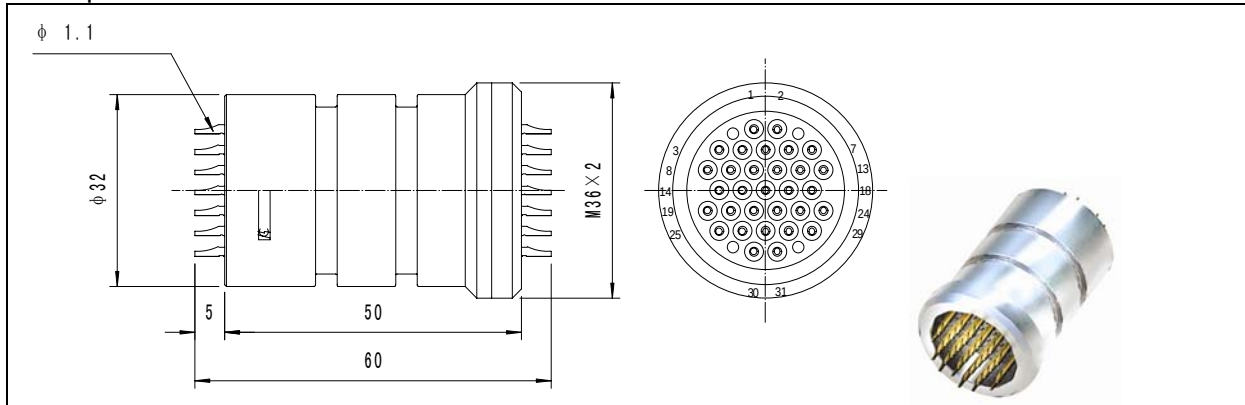
Plug MY86-15T



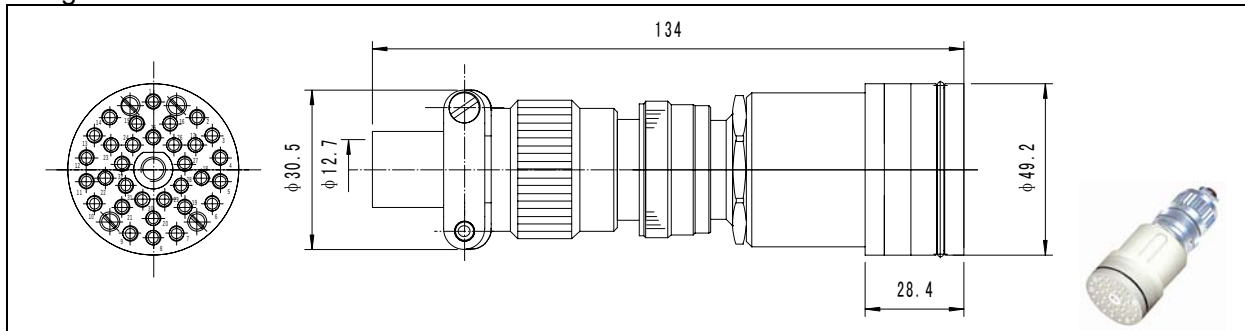
Receptacle MY86-15Z



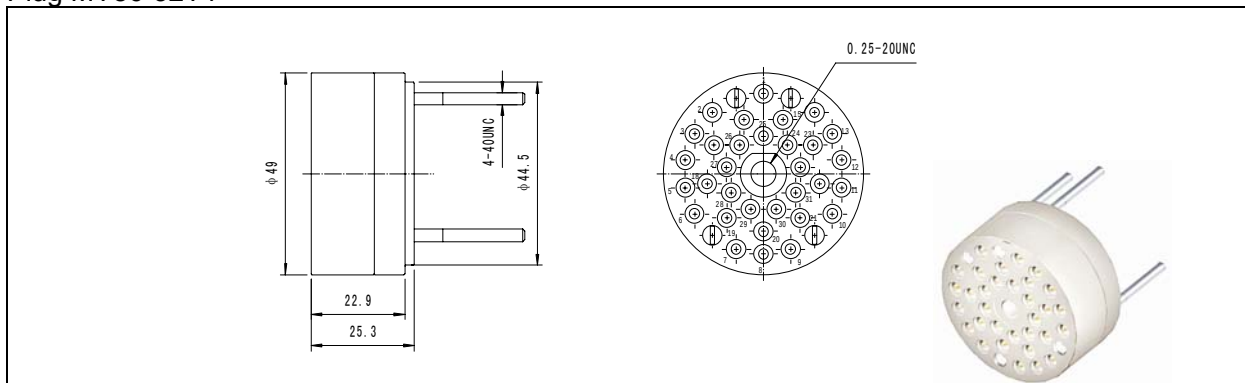
Receptacle MY86-31Z



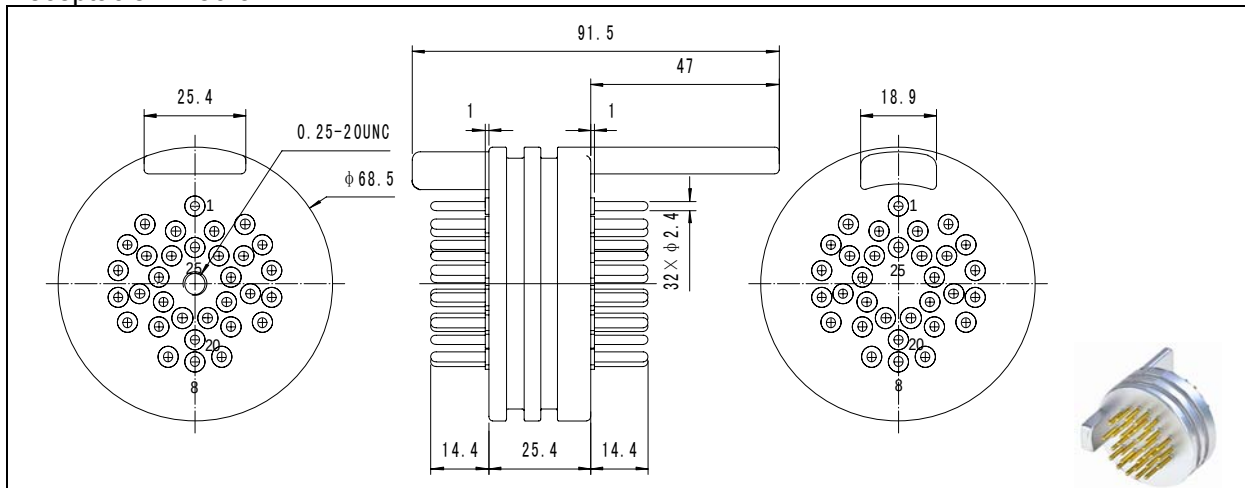
Plug MY86-32T3



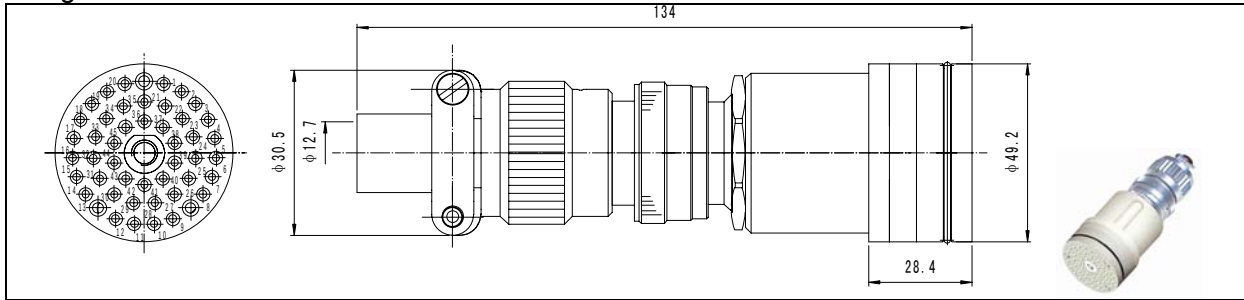
Plug MY86-32T4



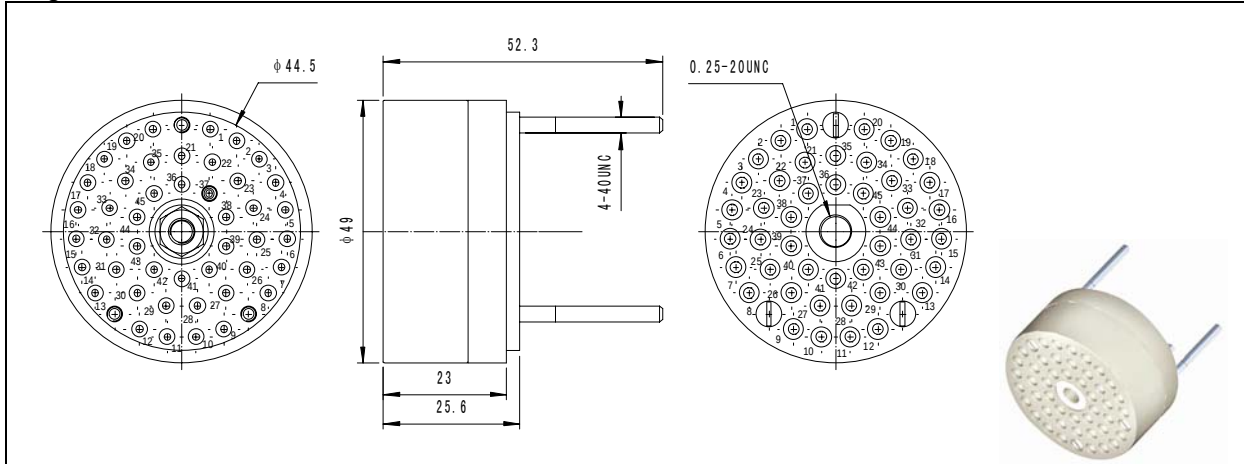
Receptacle MY86-32Z



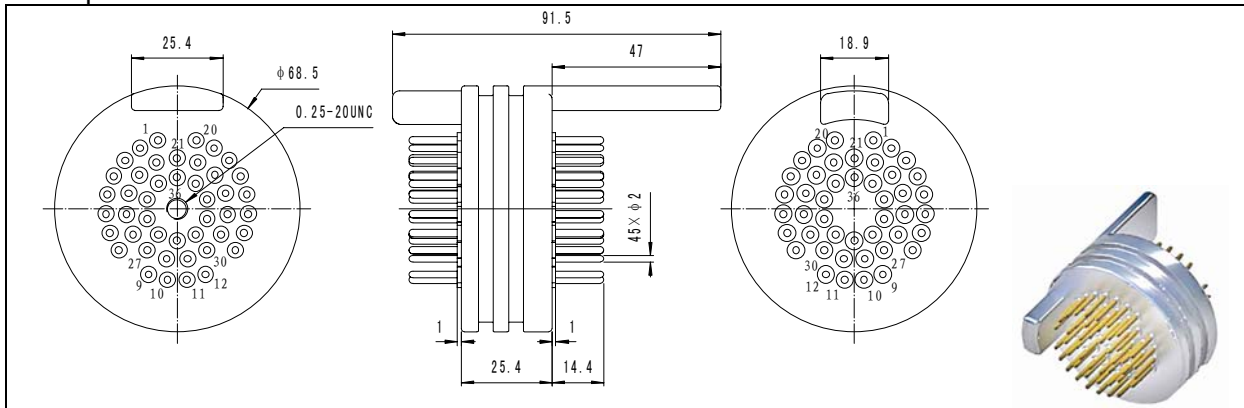
Plug MY86-45T1



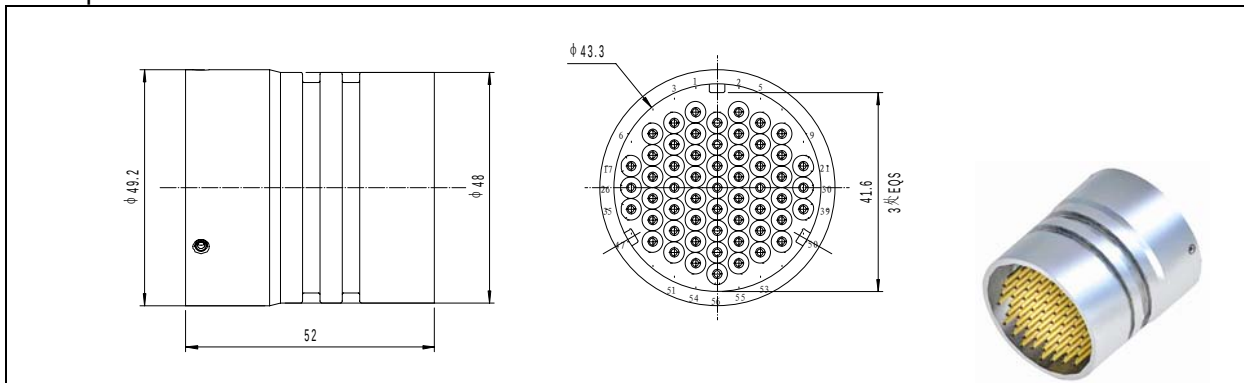
Plug MY86-45T2



Receptacle MY86-45Z



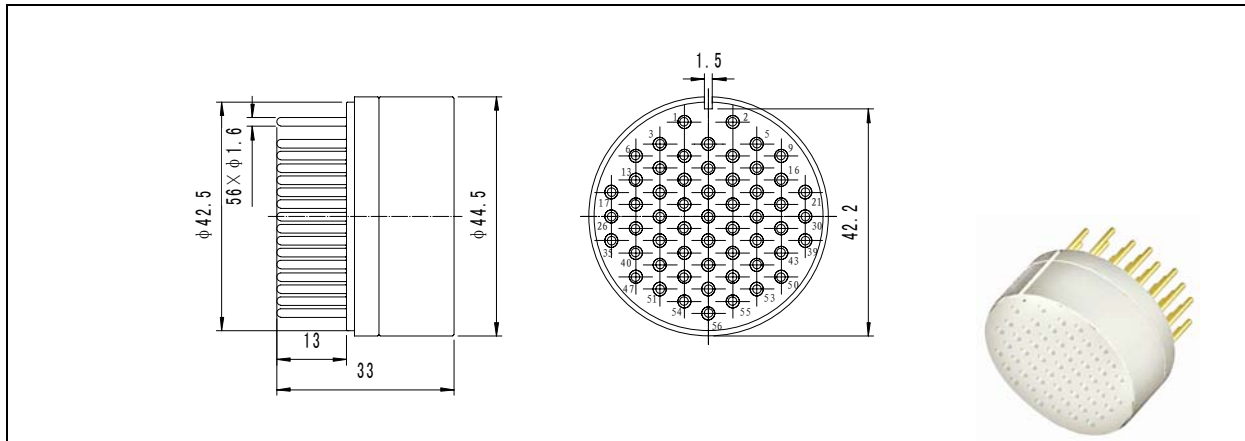
Receptacle MY86-56Z



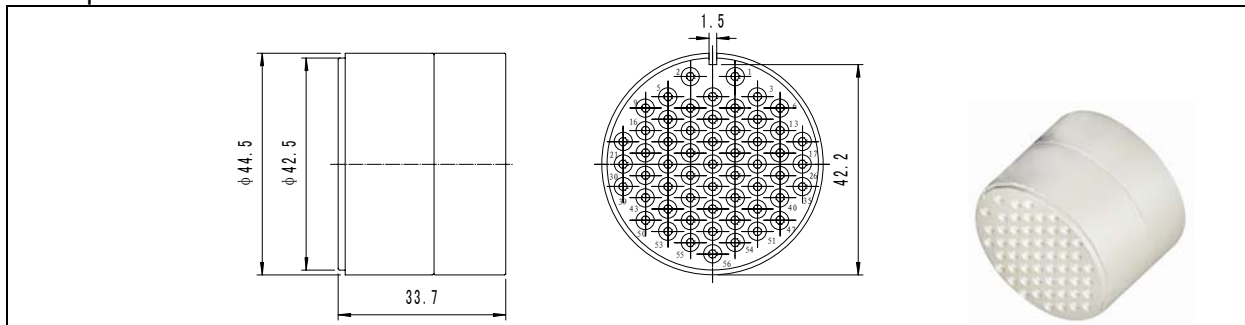
Plug MY86-56T-01



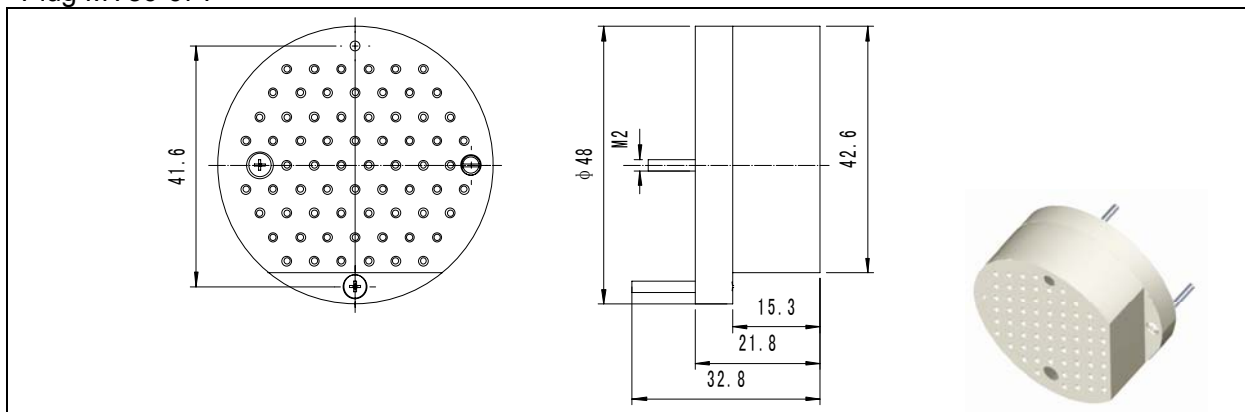
APMA



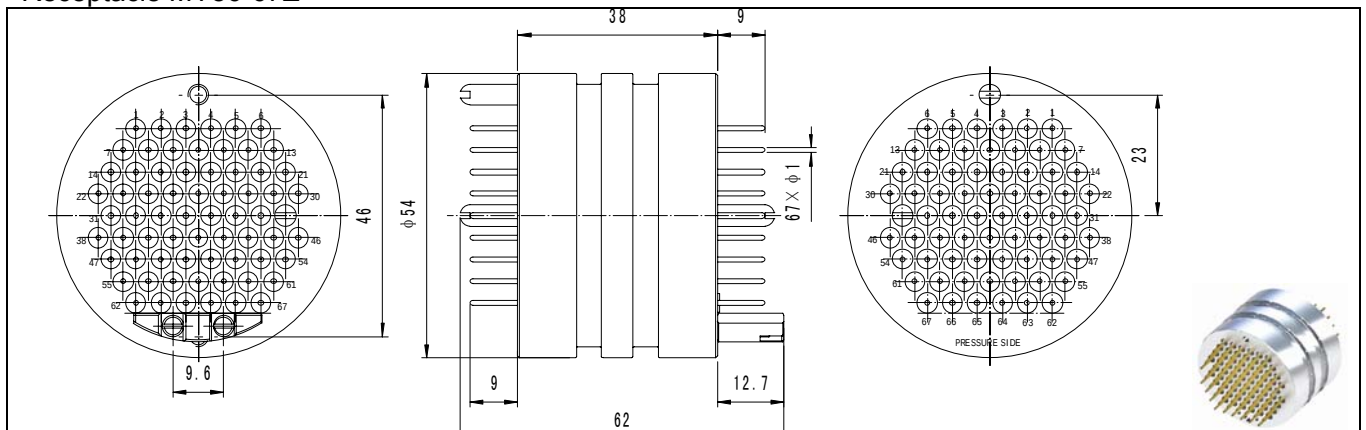
Receptacle MY86-56Z-01



Plug MY86-67T



Receptacle MY86-67Z



Receptacle MY86-68Z



APMA

