

YG655 electric connector

Material information

No.	Specification	Products Name	Remark
1	YG655-01-00-00	YGC655-EV-S28P插头	Plug
2	YG655-02-00-00	YGC655-EV-P28R插座	Receptacle
3	1-66100-1 (Sn plated)	Plug terminal (socket)	Reel material (Crimping cable 0.75mm <sup>2</sup> ~1.5mm <sup>2</sup> )
4	66100-9 (Au plated)	Plug terminal (socket)	Reel material (Crimping cable 0.75mm <sup>2</sup> ~1.5mm <sup>2</sup> )
5	1-66098-9 (Sn plated)	Receptacle terminal (pin)	Reel material (Crimping cable 0.75mm <sup>2</sup> ~1.5mm <sup>2</sup> )
6	66098-9 (Au plated)	Receptacle terminal (pin)	Reel material (Crimping cable 0.75mm <sup>2</sup> ~1.5mm <sup>2</sup> )
7	66099-2 (Sn plated)	Receptacle terminal (pin)	Reel material (Crimping cable 0.5mm <sup>2</sup> ~0.75mm <sup>2</sup> )
8	66101-2 (Au plated)	Plug terminal (socket)	Reel material (Crimping cable 0.5mm <sup>2</sup> ~0.75mm <sup>2</sup> )

Technical Parameters

1. Electrical features

Rated current: 10A; Rated voltage: 600V AC/DC  
Withstand voltage: 1500VAC; Contact resistance:  $\leq 5\text{m}\Omega$   
Insulation resistance:  $\geq 5000\text{M}\Omega$  (normal)  
 $\geq 500\text{M}\Omega$  (humidity)

2. Mechanical features

Duration: 500 cycles (contacts Au-plating)  
250 cycles (contact Sn-plating)  
Shocking: 100g(981m/s<sup>2</sup>)  
Vibration: Low frequency/amplitude 10Hz-80Hz $\pm 0.75\text{mm}$   
High frequency/acceleration 81Hz~500Hz/20g  
500Hz~2000Hz/18g

4. Working ambient

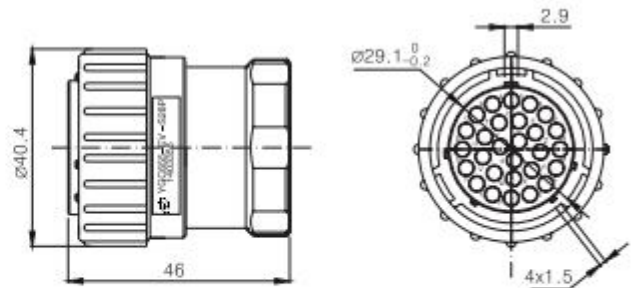
Temperature: -40℃~+125℃  
Humidity:  $\leq 80\%$  (temperature: 40 $\pm 2^\circ\text{C}$ )

Material Introduction

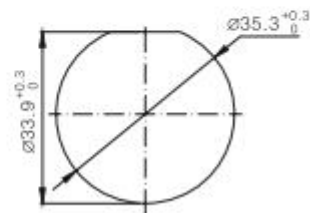
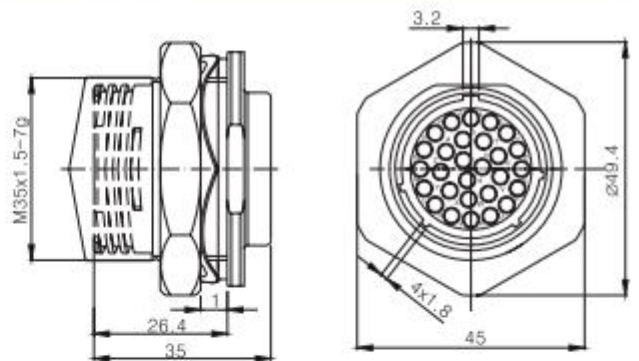
YG655 is 28pin circular electric connector, with bayonet quick coupling  
Socket-and-plug assembly, pin-and-receptacle assembly, misplug proof via key location.  
Crimping terminal.  
With reliable structure, safe and easy to use..

Overall Dimension

Plug



Receptacle



Mounting hole dimension