

YG547 connector

YGC547-EV-S1PA



YGC547-EV-P1RA



Application:

The series connector apply to electric energy transmission for all kinds of battery swap model of pure electric automotive and hybrid energy automotive

Technical Parameters:

Ambient temperature: $-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$

Relative humidity: $\leq 95\%$

Rated current: 300A for cable 95mm^2 ; 250A for cable 70mm^2

Insulation resistance: $\geq 5000\text{M}\Omega$ (normal)

Contact resistance: $\leq 0.15\text{m}\Omega$

Withstand voltage: 4000V AC

Protection degree: IP67

Inflammability: UL94-V0

Service life: ≥ 1000 cycles

Temperature rise: $\leq 40\text{k}$

Vibration: 10-55 Hz, vibration amplitude 0.75mm
55-500Hz, acceleration 10g

Products specification:

Plug: YGC547-EV-S1PA-F

YGC547-EV-S1PG/H/J/K/L/M/N/P

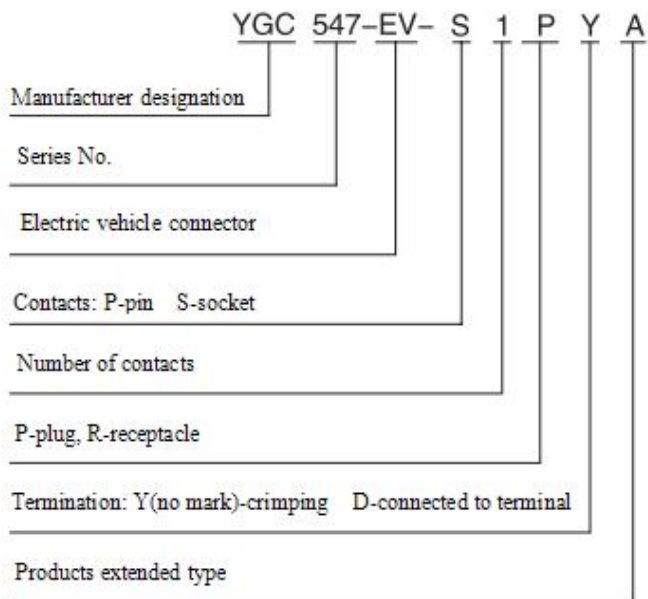
Receptacle: YGC547-EV-P1RA-F

YGC547-EV-P1RG/H/J/K/L/M/N/P

Products characteristics:

YG547 series quick bayonet circular connector, including plug and receptacle two parts, plug with socket, receptacle with pin, through combinations of key position and colors to distinguish different models, can meet the requirement of a specification with variety models; adopted new development contacts with independence IPR, current carrying capacity. Apply to electric connection of clean energy automobile, rail transport, industrial automation etc.

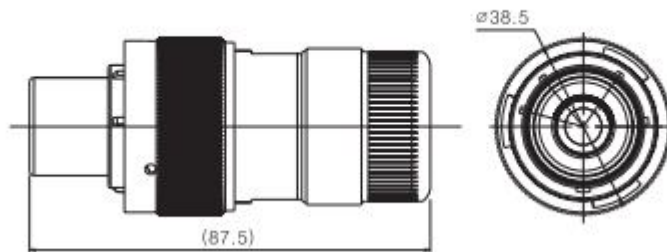
Products specification introduction:



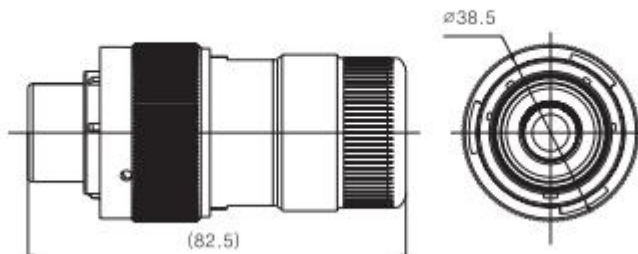
YG547 connector overall dimension

Plug:

插头 A-F

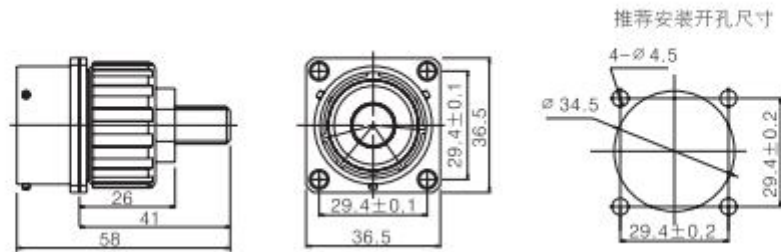


插头 G/H/J/K/L/M/N/P



Receptacle:

插座 A-F



插座 G/H/J/K/L/M/N/P

