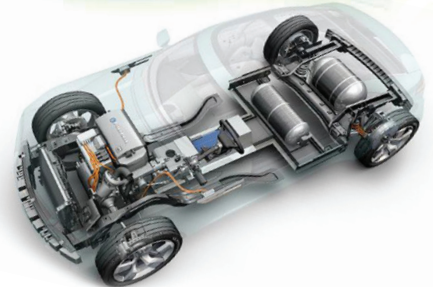
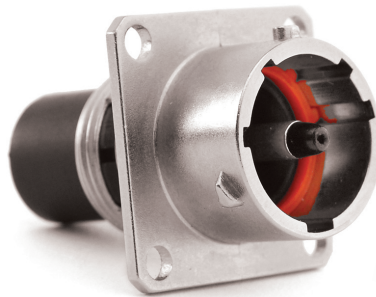


RTHP Series™ Connectors

featuring

RADSOK®

Technology

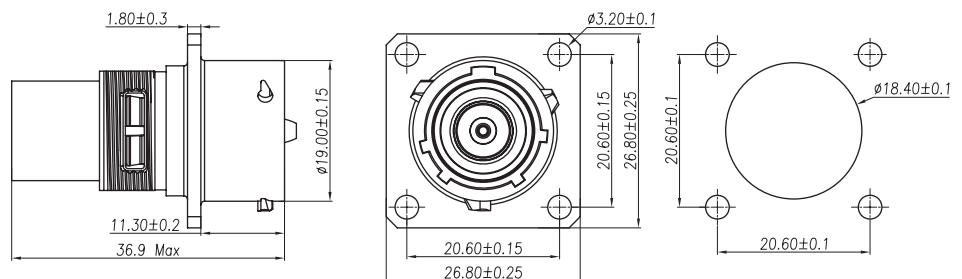


As part of the RT360™ Circular Connector product line, our **RTHP Series™** Single Pole Connectors are ideally suited for Hybrid vehicle usage and are available in a variety of sizes and configurations.

- + Single Pole High Power arrangements
- + 4 shell sizes
- + 3.6mm-10mm contact sizes
- + Operating voltage of 630V
- + Current rating at 80°C: 86A-342A
- + RoHS compliant
- + Plastic inserts with flammability rating of UL94-VO

RTHP Series™ - Single Pin Power Sizes			
12-1	14-1	16-1	20-1
.15in. I.D. / .445in. O.D. 1x3.6mm (86A) 600V AC/DC	.235in. I.D. / .490in. O.D. 1x6mm (116A) 600V AC/DC	.315in. I.D. / .64in. O.D. 1x8mm (185A) 600V AC/DC	.40 in I.D. / .74 in O.D. 1x10mm (342A) 600V AC/DC

Typical Product Picture
& Installation Dimension



RTHP Series™ - Connector Configurations and Contact Options

Please refer to the *Part Ordering Guides* in the RT360™ Circular Connector Catalog. For a downloadable version, please go to www.sineco.com and click on **Downloadable Catalogs**.



RT360™

Circular Connectors

Amphenol Sine Systems' RT360™ Industrial Circular Connectors are multiway connector available in 6 shell sizes and 22 insert arrangements with a variety of wire gauge options. RT360™ Industrial Circular Connectors were designed to be intermateable with other industry standard connectors, such as the Souriau TRIM TRIO UTG and UTP industrial connector families as well as the Cannon Trident series. For more information, go to www.sineco.com.

Shells	Zinc Alloy
Backshells and Cable Glands	
Coupling Ring	Aluminum
Coupling Spring	Spring Stainless Steel
Interfacial Seal	Standard: NBR Optional: Silicone
Insert	Glass-filled Thermoplast UL94-V0
Finish	Nickel
RoHS Compliant	Yes
Operating Temp	NBR: -40°C to +105°C Silicone: -45°C to +125°C

Insulation Resistance	5000 MΩ min.
Durability	500 matings and unmatings
Vibration Resistance	per MIL-STD202 method 204
Thermal Shock	per MIL-STD202 method 207
Corrosion	Salt spray per MIL-STD 202, method 101; 48h (standard version), 96h (black anodized coupling ring) *Higher salt spray resistance (200/500h) upon request.
Degree of Water Protection per DIN 40050	IP67 in mated condition and in combination with sealed back shell. *Consult Factory for additional Degree of Protection



John Blood, Program Manager

Toll Free: 1.800.394.7732 Ext. 8641 blood@sineco.com

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