



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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HRS

HR41A Series

IP68 Small Plastic Power Connector



Optimized for
Outdoor Use

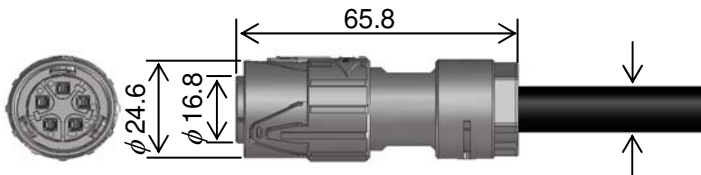
◆ Features

1. IP68* weather-resistant waterproof connector for outdoor use
2. Higher lightning surge protection (15 kV) and withstanding voltage
3. Snap-in mating with user-friendly push-on bayonet lock
4. Bayonet assembly eliminates torque management and re-tightening of screw
5. Easy field assembly
6. UL, TÜV pending

*Our test condition: No water intrusion, while submerged in 2 m water depth for 14 days in mated condition.

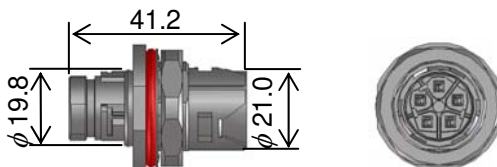
◆ Small Size

- Plug (HR41A-17WBP-5SC)

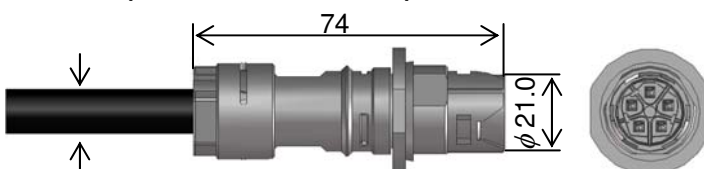


Cable Size: ϕ 10.7 to 11.5
 ϕ 9.0 to 9.8 (Under development)
 ϕ 8.2 to 9.0 (Under development)

- Receptacle (HR41A-17WBRA-5PC)



- Jack (HR41A-17WBJ-5PC)



Cable Size: Same as plug

- Crimping Tool

Part No.: HT802/HR41A-11-16(AWG#16)
 HT802/HR41A-11-18(AWG#18)
 HT802/HR41A-11-20(AWG#20)

- Contact Extraction Tool

Part No.: HR41A-TP

| Component | Material | Finish / Remarks |
|----------------|-----------------|------------------|
| Housing | PBT | UL94V-0, Black |
| Contact | Phosphor Bronze | Gold Plating |
| Clamp | Polyamide Resin | UL94V-0, White |
| O-ring, Gasket | Silicone Rubber | - |
| Washer | Stainless Steel | - |

| | |
|-----------------------|---|
| Rated Voltage | AC 250V, DC 350V |
| Rated Current | 10 Amps |
| Operating Temperature | -40°C to +105°C |
| Contact Resistance | 5m Ω Max. (1A) |
| Insulation Resistance | 5000M Ω Min. (DC500V) |
| Withstanding Voltage | AC 2200V, 1 minute |
| Durability | 500 times |
| Water Resistance | IP68 (Our test condition: No water intrusion, while submerged in 2 m water depth for 14 days in mated condition.) |

Specifications herein are subject to change without notice. Contact Hirose for latest specifications, drawings or availabilities.