

HRS DF62W Series Wire-to-Wire Connectors

NEW PRODUCT
INTRODUCTION

From
HIROSE ELECTRIC
USA

● Features

1. Slim design with smooth contours work well inside confined spaces
2. Water resistant
3. Secure, positive lock with tactile click and visible lock confirmation
4. 2-point contact structure is both highly reliable and vibration resistant
5. Easy assembly procedure
6. Pin count variations available in 2, 3, 4, 6 and 9 positions
7. UL pending



● Compact Size

勝特力材料 886-3-5753170
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

Multi-Row Pin Layout

The contacts are arranged in a grid pattern, producing a reduced diagonal cross section.

No Exposed Metal

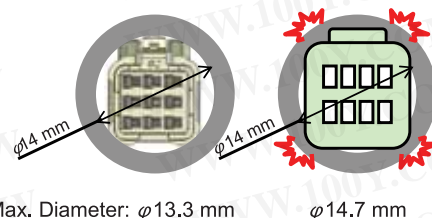
Plastic housing reduces the chance of accidental conduction on the inside of metal conduits.

Smooth Contour

The smooth outer shape of the connector is rounded to reduce the chance of it being caught inside conduit during wiring.

The DF62W is smaller than comparable connectors from other suppliers.

[DF62W (9 Pos.)] [Other Suppliers' (8 Pos.)]



Max. Diameter: $\phi 13.3$ mm

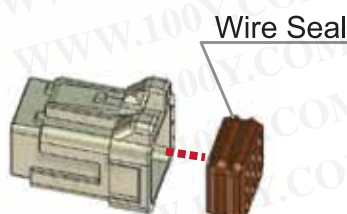
$\phi 14.7$ mm

● Water Resistant with Easy Locking

(Seals are pre-assembled in the housings)



Socket



Positive Locking, Visible Check

During mating operation



- Clear Tactile Click
- Secure Lock Strength
- Lock Position is Visible

● Applications

Home Appliances



Robotic Arms



LED Lighting



Bikes



Machinery

e.g, Food Processing



Security Systems

e.g. Electronic Locks



Automatic Ticket Gates



Medical Devices



● Specifications

■ Material and Finish

Item		Material	Finish
Housing	Plug	PBT	UL94V-0, Black
	Socket	PBT	UL94V-0, White
Housing Seal		Silicone Rubber	Reddish brown
Wire Seal			
Crimp Contact		Phosphor Bronze	Tin plating

■ Performance Characteristics

Operating Temperature Range	-35 to +105 °C (Includes temperature rise caused by current flow)
Rated Voltage	AC/DC 250 V
Rated Current	#22 AWG: 3 Amps, #24 AWG: 2 Amps, #26 AWG: 1 Amp
Insulation Resistance	1000 MΩ Min. (DC 500V)
Contact Resistance	30 mΩ Max. (1mA)
Withstanding Voltage	AC 650 V for 1 minutes
Mating Cycles	30 times

■ Available Number of Positions

2, 3, 4, 6 and 9 pos. (Products under development are included)

■ Applicable Tool

Applicator (AP105-DF62W-2226), Press Unit (CM-105),
Hand Crimp Tool (HT801/DF62W-2226), Contact Extraction Tool (DF62W/RE-MD)

■ RoHS compliant

勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)