

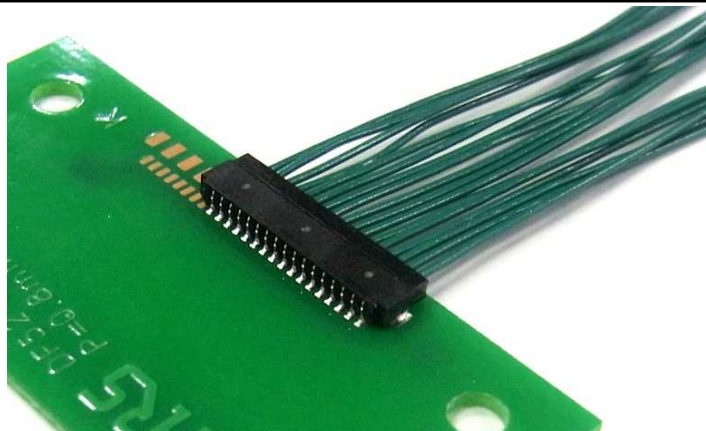


**THE DATASHEET OF
DF52-4S-0.8H(21)**



DF52 Series

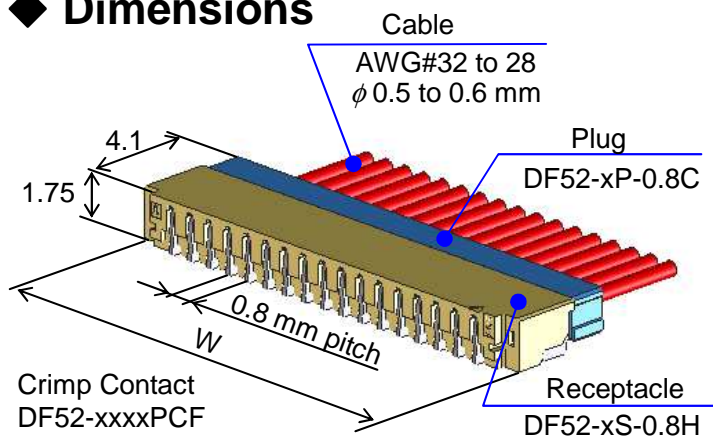
0.8 mm pitch, Small & Robust Wire to Board Connector



◆ Features

1. 0.8 mm pitch, 1.75 mm height 4.1 mm depth small connector
2. Rated up to 2.5 Amps MAX with AWG#28, 2 pos.
3. Robust design is tolerant of cable wiring.
4. High contact lance strength
5. Box shape crimp contact prevents deformation
6. Supports cables with jacket O/D 0.5 to 0.6 mm, AWG#32 to 28
7. RoHS compliant, halogen-free product
8. Will be UL approved

◆ Dimensions



	2	3	4	5	6	8	10
Width (mm)	3.8	4.6	5.4	6.2	7.0	8.6	10.2
	12	14	15	16	17	20	-
Width (mm)	11.8	13.4	14.2	15.0	15.8	18.2	-

◆ Variation

Mass Production: 2, 3, 4, 5, 6, 8, 10, 12, 14, 15, 16, 17 and 20 pos.*

* Technically available up to 25 pos.

Please consult your sales representative for details.

◆ Material & Finish

	Item	Material	Finish
Receptacle	Housing	Polyamide	UL94V-0, Black
	Contact	Copper Alloy	Tin plating
	Metal Fitting	Brass	Tin plating
Plug	Housing	Polyamide	UL94V-0, Black
	Crimp Terminal	Copper Alloy	Tin plating



◆ Performance Characteristics

Rated Current (Value in case all pins used for power)		AWG28	AWG30	AWG32
	2 pos.	2.5 Amps	2.0 Amps	1.5 Amps
	3 to 5 pos.	2.0 Amps	1.5 Amps	1.0 Amps
	6 to 10 pos.	1.5 Amps	1.2 Amp	0.8 Amp
	12 pos. or more	1.2 Amps	1.0 Amp	0.8 Amp
Rated Voltage	AC/DC 100V			
Contact Resistance	10 mΩ Max. (20mV, 1mA)			
Insulation Resistance	100 MΩ Min. (DC 100V)			
Withstanding Voltage	AC 300V, for 1 minute			
Operating Temperature Range	-40 °C to +85 °C (Includes temperature rise during current flow)			
Applicable Cable	AWG#32 to 28, φ0.5 to 0.6 mm			
Durability	20 times			

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

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View DF52-4S-0.8H\(21\) on WIN SOURCE](#)
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