



ENGLISH

Datasheet

Stock No: 481-083

RS Pro Straight Crimp D-Sub Connector Housing, Plug, 50 Way



Product Details

Crimp Shells (grounding)

For suitable hole cutters, refer to 'D' connector cutters (e.g. stock no. 477-8690)

Rear entry release crimp contacts

Plugs/shells tinned plated for shielding continuity

Ratchet controlled tool available separately

Shell material	Steel
Shell finish	Tin plated
Insulator material	Glass filled nylon
Insulator rating	UL 94 V-0
Contact material	Copper alloy
Contact plating	Gold over nickel
Current rating	5A
Voltage rating	470Vdc or ac peak
Contact resistance (max.)	-
Insulation resistance (min)	>10MΩ
Temperature range	-55°C to +125°C
Mating cycles	250
Wire size	20-24awg

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Dimensions (mm)					
Harness through mounting					
No. of ways	9	15	25	37	50
A	25.0	33.3	47.0	63.5	61.12
B	21.9 (19.8*)	29.6 (28.2*)	43.4 (41.9*)	59.8 (58.4*)	57.5 (55.7*)
C	12.9 (11.3*)	12.9 (11.3*)	12.9 (11.3*)	12.9 (11.3*)	15.7 (13.9*)
(*Standard mounting dimensions)					

Note

'Harness through' dimensions permit the connector and wiring assembly (i.e. 'D' connectors terminated with Speed-bloc™ ribbon cable, 'IDC' types or other version) to be passed through the panel aperture.

Specifications:

Number of Contacts	50
Gender	Male
Body Orientation	Straight
Housing Material	Steel
Dimensions	66.93 x 15.37mm
Length	66.93mm
Width	15.37mm
Maximum Operating Temperature	+125°C
Minimum Operating Temperature	-65°C