

Super Seal Connectors

'Super Seal' connector housings were developed to satisfy the increasing demands for safe and reliable electrical connections. The connectors can be connected to existing components and used with the equipment presently in use in the automotive and marine industry (sensors, oil pressure sensors, water temperature monitoring circuits, etc.)

Super Seal Specifications

Seals	Made from silicon rubber. Seals shaped for easy insertion into connector. The hoop rings in the crimping area ensure excellent pull relief for the terminals.
Connector	Housing and secondary lock - polyamide 6.6 glass filled
Resistant to	Ozone, salts (CaCl ₂ -NaCl), petrol, diesel fuel, anti-freeze, engine oil
Temperature range	-40°C to +125°C
Degree of Protection	IP 67
Insulation Resistance	Minimum 200MΩ
Terminals Plug	Brass, tinned
Current Rating	14A maximum
Insert force	Maximum 8N
Contact Resistance	Maximum 3mΩ
Socket	Phosphor bronze, tinned
	Double contact springs (main spring and anti-overload auxiliary spring) ensure minimum insert force and maximum contact pressure. Prefabricated secondary lock ensures that the terminal is plugged into the housing correctly and prevents it from slipping out of the connector.

Super Seal Connector Kit



Contains:

- 5 of each connector (plug and socket)
- 100 9.HM4980.02 Socket terminals
- 100 9.HM4980.04 Plug terminals
- 100 9.HM4980.06 Yellow seals
- 100 9.HM4980.09 Red cavity plugs


Super Seal Connector Kit

Part Number
HM4980


Super Seal Connectors

	Part Number	Description
	HM4981-P	1 Pole Plug (Pack of 4)
	HM4981-S	1 Pole Socket (Pack of 4)
	HM4982-P	2 Pole Plug (Pack of 4)
	HM4982-S	2 Pole Socket (Pack of 4)
	HM4983-P	3 Pole Plug (Pack of 3)
	HM4983-S	3 Pole Socket (Pack of 3)
	HM4984-P	4 Pole Plug (Pack of 3)
	HM4984-S	4 Pole Socket (Pack of 3)
	HM4985-P	5 Pole Plug (Pack of 2)
	HM4985-S	5 Pole Socket (Pack of 2)
	HM4986-P	6 Pole Plug (Pack of 2)
	HM4986-S	6 Pole Socket (Pack of 2)

Terminals for Plug (Pack of 50)

	Part Number	Description
	9.HM4980.01	Suits cable 0.35 to 0.50mm ²
	9.HM4980.02	Suits cable 0.75 to 1.50mm ²

Terminals for Socket (Pack of 50)

	Part Number	Description
	9.HM4980.03	Suits cable 0.35 to 0.50mm ²
	9.HM4980.04	Suits cable 0.75 to 1.50mm ²

Seals for Plug / Socket (Pack of 50)



Part Number	Description
9.HM4980.05	Green seal to suit cable insulation 1.4-1.7mm diameter
9.HM4980.06	Yellow seal to suit cable insulation 1.8-2.4mm diameter
9.HM4980.07	Red seal to suit cable insulation 2.5-3.3mm diameter
9.HM4980.09	Red cavity plug (no hole)