



## Data Sheet – MC4C Solar Connector

**Product description** - Single-contact electrical connectors commonly used for connecting solar panels.

### Features:

- Cable range supported - 2.5, 4 and 6mm<sup>2</sup>
- Flame retardant, UV stabilised
- IP67 rated
- Third party approval under TUV SUD



### Technical Data

SWA's MC4C solar connectors meet the requirements of the international standard, IEC 62852 – (Connectors for DC-application in photovoltaic systems)

Performance test parameters and results are detailed below, please note that these testing values are maximums and safety factors appropriate to your application should be used:

IEC 62852 TEST PARAMETRES	REQUIRMENT/TEST	RESULT	PART NUMBER	DESCRIPTION
Rated Voltage	1500 V DC	PASS	MC4C	MC4 Solar Connector - Male and Female Complete
Max. Current	30 amps	PASS	MC4-MC	MC4 Male Pin and Housing Only
Ingress Protection	IP67	PASS	MC4-FC	MC4 Female Pin and Housing Only
Operating Temperature	- 40C to +85C	PASS	MC4M	MC4 Male Pin Only
Flame Retardant Grade / UV Resistant	UL94-V0	PASS	MC4F	MC4 Female Pin Only
<b>COMPOSITION</b>	<b>MATERIAL</b>		MC4P	MC4 Male and Female Panel Connector
Body	PPO		MC4T1F2M	MC4 Branch Connector 1 X Female 2 X Male
			MC4T1M2F	MC4 Branch Connector 1 X Male 2 X Female

PART NUMBER	DESCRIPTION
MC4C	MC4 Solar Connector - Male and Female Complete
MC4-MC	MC4 Male Pin and Housing Only
MC4-FC	MC4 Female Pin and Housing Only
MC4M	MC4 Male Pin Only
MC4F	MC4 Female Pin Only
MC4P	MC4 Male and Female Panel Connector
MC4T1F2M	MC4 Branch Connector 1 X Female 2 X Male
MC4T1M2F	MC4 Branch Connector 1 X Male 2 X Female



Use with our ratchet crimp tool p/n - RTMC4