

## MC4R Connector

### Test Program

EN50521:2008



### Technical Parameters

Rated current	30A(2.5-6mm <sup>2</sup> )
Rated voltage	1000V DC
Test voltage	6000V(50Hz, 1min)
Overvoltage category/Pollution degree	CAT III/2
Contact resistance of plug connectors	1mΩ
Contact material	Copper, Ag plated
Insulation material	PPO
Degree of protection	IP2*/IP67
Flame class	UL94-VO
Safety class	II
Suitable cable	OD4.5-8.5(2.5-6.0mm <sup>2</sup> )
Insertion force/Withdrawal force	≤ 50N/ ≥ 50N
Connection system	Crimp connection
Temperature range	-40°C ~ +125°C

### Dimension

