



MC4 DIODE CONNECTOR

Electrical and Mechanical Specification	
Rated Voltage	1000V
Rated Current	30 A
Rated Test Voltage	6KV (50 Hz, 1 Min)
Insertion Force	≤50N
Withdrawal force	≥50N
Contact Resistance	5mΩ
RMS Withstand Voltage	8000 N
Connector Diameter	2.5 mm, 2.4 mm
Locking Mechanism	Insert
Characteristics	High Insulation, Big Tension , Fast Integration
Plug Power	30N-80N
Contact Material	Copper , Tin plated
Insulation Material	PPO

Environmental Specification	
Degree of Protection	IP67
Pollution Degree (1/2/3/4)	3
Low Ambient Temperature (°C)	-40°C
Upper Ambient Temperature (°C)	+90°C
Overvoltage Category	III
Certification	TUV