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Solar Connectors

- WSPVCC
- WSPVCC-1500
- WSPVPC
- WSPVT₂
- WSPVT₃
- WSPVT₄
- WSPVY₂
- WSPVY₃
- WSPVY₄
- WSPVDC
- WSPVFC



WSPVCC

MC4 SOLAR CONNECTOR

Application

- Simple on-site processing.
- Accommodates PV cable with different insulation diameters.
- Mating safety provided by keyed housings.
- Multiple plugging and unplugging cycles .
- High current carrying capacity.

Technical Parameters

Order NO.	Part P/N		Cable special	
	Connector	Terminal	Conductor size(mm ²)	Cable OD(φDmm)
WSPVCC-1	WSPVCC-M	WSPVCC-T1	AWG14(2.5 mm ²)	φ4.5-φ8.5
WSPVCC-2		WSPVCC-T2	AWG12(4.0 mm ²)	
WSPVCC-3		WSPVCC-T3	AWG10(6.0 mm ²)	
WSPVCC-4	WSPVCC-F	WSPVCC-T4	AWG14(2.5 mm ²)	φ4.5-φ8.5
WSPVCC-5		WSPVCC-T5	AWG12(4.0 mm ²)	
WSPVCC-6		WSPVCC-T6	AWG10(6.0 mm ²)	



WSPVCC TYPE 1



WSPVCC TYPE 2



WSPVCC TYPE 3



Note: Solid pins are also available.

Technical Parameters

Rated Current	30A(45A if with solid pins)
Rated Voltage	1000V DC
Test Voltage	6000V(50Hz, 1min)
Overvoltage Type/Pollution Degree	CAT III /2
Contact Resistance Of Plug Connector	1mΩ
Contact Material	Copper, Tin-plated
Insulation Material	PPO/PC
Degree Of Protection	IP2X/IP67
Flame Class	UL94-VO
Safety Class	II
Suitable Cable	OD 4.5-8.5(2.5-6.0mm ²)
Insertion Force/Withdrawal Force	≤ 50N/ ≥ 50N
Connecting System	Crimp connection
Temperature Range	-40°C ~ +125°C