

Photovoltaic DC Accessories

PvT-P Photovoltaic Connector (Board-end type)

Technical data

Connector system	Φ4mm
Rated voltage	1000V DC (IEC)
Rated current	17A (1.5mm ²) 22A (2.5mm ² ; 14AWG) 30A (4mm ² ; 6mm ² ; 12AWG, 10AWG)
Test voltage	6kV (50Hz, 1min)
Ambient temperaturerange	-40°C...+90°C (IEC) -40°C...+75°C (UL)
Upper limiting temperature	+105°C (IEC)
Protection degree, mated	IP67
Touch protection level, unmated	IP2X
Contact resistance of plug connectors	0.5mΩ
Safety class	II
Contact material	Messing, verzinkt Copper Alloy, tin plated
Insulation material	PC/PPO
Locking system	Snap-in
Flame class	UL-94-Vo
Salt mist spray rest, degree of severity 5	IEC 60068-2-52

Overall and mounting dimensions(mm)

