



DOUBLE POWER



RoHS compliant
REACH compliant

FEATURES

- High CV product
- Compact design
- Overvoltage capability
- 2 windings parallel placed, therefore half PCB Space
- Self-healing PP dielectric

APPLICATIONS

- High-end and industrial power supplies
- Solar inverters
- Frequency converters

GENERAL SPECIFICATIONS

Items	Characteristics
Capacitance range	11 μ F ... 85 μ F others on request
Rated voltage AC	700 Vdc ... 1500 Vdc
Available tolerance	$\pm 5\%$ (J) $\pm 10\%$ (K)
Rated RMS current @ 30 °C	max. 43 A
Operating temperature range	-40 °C ... +85 °C
Climatic category DIN IEC 68/1	40/085/21
Terminals	PCB Pins, 4x 1,4mm, or press-fit contacts
Terminal length	3,5 - 25 mm

Different voltages and capacitance combinations are available on request. Also in small lots.

ELECTRICAL DATA FOR SERIES DOUBLE POWER

U_N [VDC]	C_N [μ F]	Dimensions [mm]	Pitch [mm]	Max. ESR @1kHz [mOhm]	Max. I _{rms} @1kHz/30°C [A]	I _{peak} [A]	Energy [Ws]	R _{th} [K/W]	Weight (approx) [g]	Part No. plus (...) = tol. and wire length
700	40	43x30x60		6	35	1470	9,8	8	100	DP40 μ 700d043030060...
	60	58x30x60		7,5	34	1490	14,7	6,5	140	DP60 μ 700d058030060...
	85	58x35x69		5,5	43	2110	20,8	5,5	180	DP85 μ 700d058035069...
900	33	43x30x60		7	34	1350	13,4	8	100	DP33 μ 900d043030060...
	50	58x30x60		8,5	33	1370	20,2	6,5	140	DP50 μ 900d058030060...
	70	58x35x69		6	43	1920	28,3	5,5	180	DP70 μ 900d058035069...
1100	22	43x30x60		8,5	31	1100	13,3	8	100	DP22 μ 1100d043030060...
	32	58x30x60		10,5	29	1050	19,3	6,5	140	DP32 μ 1100d58030060...
	45	58x35x69		7,5	38	1500	27,2	5,5	180	DP45 μ 1100d058035069...
1300	15	43x30x60		10,5	28	920	12,6	8	100	DP15 μ 1300d043030060...
	22	58x30x60		13	27	900	18,5	6,5	140	DP22 μ 1300d058030060...
	32	58x35x69		9	35	1310	27,0	5,5	180	DP32 μ 1300d058035069...
1500	11	43x30x60		12,5	26	800	12,3	8	100	DP11 μ 1500d043030060...
	16	58x30x60		15,5	25	770	18,0	6,5	140	DP16 μ 1500d058030060...
	23	58x35x69		11	32	1080	25,8	5,5	180	DP23 μ 1500d058035069...

EXAMPLE OF DRAWINGS FOR SERIES DOUBLE POWER

