

POWER LINK



RoHS compliant
REACH compliant

FEATURES

- High CV product
- Compact design
- Overvoltage capability
- Self-healing PP dielectric

APPLICATIONS

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

GENERAL SPECIFICATIONS

Items	Characteristics
Capacitance range	6 μ F ... 65 μ F
Rated voltage AC	700 Vdc ... 1500 Vdc
Available tolerance	$\pm 5\%$ (J) $\pm 10\%$ (K)
Rated RMS current @ 30 °C	max. 29 A
Operating temperature range	-40 °C ... +85 °C
Climatic category DIN IEC 68/1	40/085/21
Terminals	PCB Pins, 4x 1mm or 4x 1,2mm

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

■ ELECTRICAL DATA FOR SERIES POWER LINK

U_N [VDC]	C_N [μF]	Dimensions [mm]	Pitch [mm]	Max. ESR @1kHz [mOhm]	dU/dt [V/μs]	Max. I _{rms} @1kHz/30°C [A]	I _{peak} [A]	Ener- gy [Ws]	R _{th} [K/W]	Weigth (ap- prox) [g]	Part No. plus (...) = tol. and wire lenght
700	24	40x27x36	37,5x16	9	33	22	795	5,9	14	50	PL24μ700d040027036...
	33	43x30x45	37,5x16	7	33	29	1093	8,1	11	75	PL33μ700d043030045...
	50	58x30x45	52,5x20,3	9	22	28	1116	12,3	9	100	PL50μ700d058030045...
	65	58x35x50	52,5x20,3	7	22	29	1451	15,9	7	135	PL65μ700d058035050...
900	16	40x27x36	37,5x16	10	41	20	662	6,5	14	50	PL16μ900d040027036...
	22	43x30x45	37,5x16	6	41	29	911	8,9	11	75	PL22μ900d043030045...
	32	58x30x45	52,5x20,3	11	28	26	893	13,0	9	100	PL32μ900d058030045...
	42	58x35x50	52,5x20,3	8	28	29	1172	17,0	7	135	PL42μ900d058035050...
1100	11	40x27x36	37,5x16	13	50	18	303	6,1	14	50	PL11μ1100d040027036...
	15	43x30x45	37,5x16	9	50	24	745	9,1	11	75	PL15μ1100d043030045...
	22	58x30x45	52,5x20,3	13	33	23	737	13,3	9	100	PL22μ1100d058030045...
	30	58x35x50	52,5x20,3	10	33	29	1004	18,2	7	135	PL30μ1100d058035050...
1300	8	40x27x36	37,5x16	15	58	17	464	6,8	14	50	PL8μ1300d040027036...
	10	43x30x45	37,5x16	12	58	22	580	8,5	11	75	PL10μ1300d043030045...
	16	58x30x45	52,5x20,3	15	39	22	625	13,5	9	100	PL16μ1300d058030045...
	21	58x35x50	52,5x20,3	12	39	27	820	17,8	7	135	PL21μ1300d058035050...
1500	6	40x27x36	37,5x16	16	66	16	397	6,8	14	50	PL6μ1500d040027036...
	8	43x30x45	37,5x16	13	66	21	530	9,0	11	75	PL8μ1500d043030045...
	12	58x30x45	52,5x20,3	17	45	20	536	13,5	9	100	PL12μ1500d058030045...
	16	58x35x50	52,5x20,3	13	45	25	714	18,0	7	135	PL16μ1500d058035050...

■ EXAMPLE OF DRAWINGS FOR SERIES POWER LINK

