

SMS

Features and usage

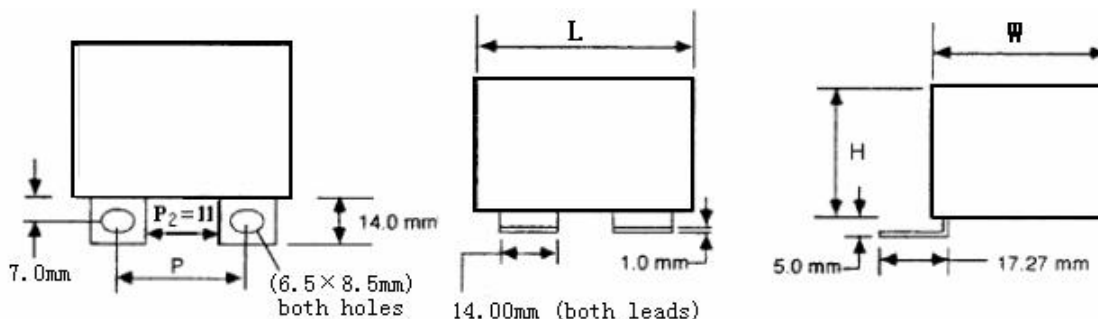
Style SMS convert snubber,energy in power semiconduct circuits where high dv/dt is encountered.Connect these capacitors from C1 to E2on a dual IGBT module or from P to N on a six-pack module to eliminate severe voltage transients.parts ending with P fit IGBTs with 23mm,25mm and 28mm lead spacing.if you have a preferred lead spacing,please specify.

Highlights

- High peak & RMS current capability.
- Mount directly to the IGBT module.
- low inductance < 20nH.
- Low loss polypropylene dielectric.
- self healing.
- Flame resistance case and resin,meets UL94V0
- Other terminal spacing and capacitance values available.We can bulild to your specs!
- 85°C Ambient Temperature.

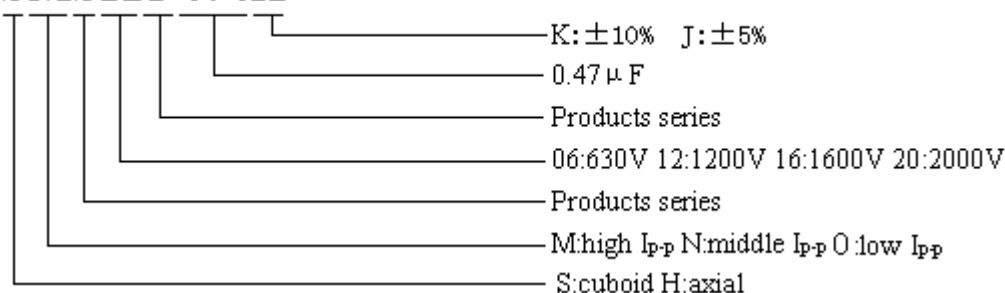


Outline



Type Designation System

SMS12P474K



SMS series snubber capacitor

ROCK

Dimensions and Specifications (for reference only)

Part number	CAP (μ F)	Vdc (V)	Vac (V)	dV/dt (V/ μ s)	Ipk (A)	ESR (m Ω)	Irms (A)	L	W	H
								mm		
SMS12P224	0.22	1200	500	650	210	12	10	44	29	26
SMS12P334	0.33	1200	500	650	254	10	12	44	29	26
SMS12P474	0.47	1200	500	650	308	8	14	44	29	26
SMS12P684	0.68	1200	500	600	442	5	16	44	36	34
SMS12P105	1.0	1200	500	500	600	4	19	44	36	34
SMS12P155	1.5	1200	500	500	675	3.5	24	44	45	34
SMS12P205	2.0	1200	500	455	910	3.2	30	60	45	30
SMS12P305	3.0	1200	500	455	1365	3	38	57	54	38