



MOS AND MNOS WIRE BONDABLE CAPACITORS

Vishay EFI capacitors are based on Silicon Oxide and Silicon Oxide / Nitride combinations. The high-quality dielectric film deposited by our state-of-the-art equipment is the key factor for the high performance that characterizes these capacitors. A wide range of values and sizes helps simplify the integration of these products into new and existing applications.

Features

- Sizes range from 20 by 20 mils to 60 by 60 mils
- Tight value tolerance
- Low TCC (Temperature Coefficient of Capacitance): (+ 45 ± 25 ppm/°C MNOS, + 15 ± 25 ppm/°C MOS)
- Excellent life value stability
- Wide range of values (0.5 pF to 1000 pF)

Family	Size (mils)	Value Range (pF)	Best Tolerance (%)	Features
NCAA 	20 x 20	0.5 to 51	5	Single capacitor
NCBB 	30 x 30	33 to 100	2.5	Single capacitor
NCCC 	40 x 40	56 to 220	2.5	Single capacitor
NCDD 	55 x 55	150 to 510	2.5	Single capacitor
NCEE 	60 x 60	360 to 1000	2.5	Single capacitor
CBA 	19 x 30	3.75 & 15	10	4 capacitors in binary increments
CBB 	19 x 48	31	10	5 capacitors in binary increments
CBC 	44 x 44	93	10	5 capacitors in binary increments