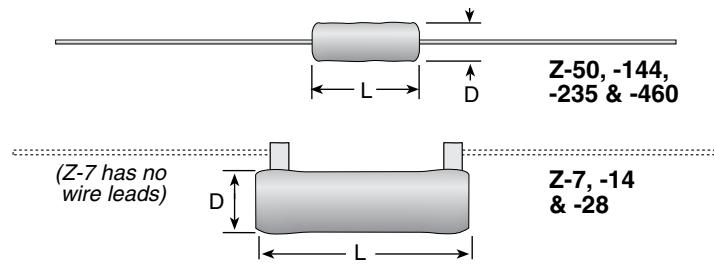


Ohmite radio frequency plate chokes have a single-layer winding designed to avoid adverse harmonic effects and prevents breakdown from high r.f. potentials. Windings are insulated and protected by a moisture-proof coating.

- Z-7 type furnished with non-magnetic mounting bracket.
- Z-14, Z-28 type have wire leads welded to lug type terminals.
- Z-50, Z-144, Z-235, Z-460 type have axial wire leads.

It is generally advisable to select a choke with a resonant frequency (see chart) slightly higher than the desired operating frequency since any additional capacity to ground will tend to shift the resonant frequency closer to the operating frequency.

ORDERING INFO
RoHS Compliant
Z - 1 4 4 E
Z Series Specifier
see chart



Z Series R. F. Plate Chokes



STOCK PART NUMBERS							
Part number	Inductance (μH) ±10% @ 1kHz	Rated DC current (A)	DCR (Ω)	Operating range (MHz)	SRF (MHz)	Diameter (in./mm)	Length (in./mm)
Z-7	84.0	1.00	4.70	3 - 20	13	0.563 / 14.29	6 / 152.4
Z-14	44.0	0.68	2.60	7 - 35	23	0.438 / 11.11	2 / 50.6
Z-28	21.0	0.60	2.70	20 - 60	41	0.313 / 7.94	1.750 / 44.45
Z-50	7.0	1.00	0.98	35 - 110	79	0.281 / 7.14	1 / 25.4
Z-144	1.8	1.10	0.33	80 - 200	168	0.188 / 4.76	0.750 / 19.05
Z-235	0.84	1.70	0.14	160 - 350	300	0.188 / 4.76	0.750 / 19.05
Z-460	0.20	4.00	0.034	320 - 520	500	0.156 / 3.97	0.500 / 12.70

Mouser Electronics

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