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.

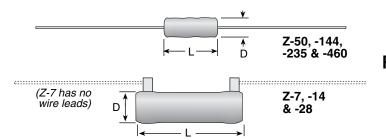
- moisture-proof coating.
  Z-7 type furnished with non-magnetic mounting bracket.
- Z-14, Z-28 type have wire leads welded to lug type terminals.
- Z-50, Z-144, Z-235, Z-460 type have axial wire leads.

It is generally advisable to select a choke with a resonant frequency (see chart) slightly higher than the desired operating frequency since ORDERING INFO

RoHS Compliant

Specifier

operating frequency since any additional capacity to ground will tend to shift the resonant frequency closer to the operating frequency.





R. F. Plate Chokes



STOCK PART NUMBERS							
Part number	Inductance (µH) ±10% @ 1KHz	Rated DC current (A)	00R (Q)	Operating range (MHz)	SRF (MHz)	Diameter (in./ <i>mm</i> )	Length (in./ <i>mm</i> )
Z-7 Z-14 Z-28 Z-50 Z-144 Z-235 Z-460	84.0 44.0 21.0 7.0 1.8 0.84 0.20	1.00 0.68 0.60 1.00 1.10 1.70 4.00	4.70 2.60 2.70 0.98 0.33 0.14 0.034	3 - 20 7 - 35 20 - 60 35 - 110 80 - 200 160 - 350 320 - 520	13 23 41 79 168 300 500	0.563 / 14.29 0.438 / 11.11 0.313 / 7.94 0.281 / 7.14 0.188 / 4.76 0.188 / 4.76 0.156 / 3.97	6 / 152.4 2 / 50.6 1.750 / 44.45 1 / 25.4 0.750 / 19.05 0.750 / 19.05 0.500 / 12.70