



Frame Core Power Line Chokes

FWFCC1614 SERIES

a. Applications:

- (1) Suppression of common-mode and differential-mode interferences
- (2) Electronic ballasts for lamps
- (3) High power switch-mode power supplies for consumer electronics

b. Construction:

- (1) Current-compensated frame core double choke
- (2) Closed magnetic circuit with frame construction made of ferrite
- (3) PET coil former (UL94 V-0)
- (4) 4-section winding with direct winding on the core
- (5) Sector winding
- (6) Clearance and creepage distances >3 mm

c. Features:

- (1) High inductance with low resistance
- (2) Approx. 2% stray inductance for symmetrical interference suppression
- (3) High pulse-handling capability
- (4) Very good inductance/rated current ratio
- (5) Low height (13.5 mm)
- (6) Suitable for wave soldering
- (7) RoHS-compatible

ELECTRICAL CHARACTERISTICS

Part Number	L(mH)	Lk(mH)	DCR (mΩMax)	Rated Current (AMax)
FWFCC1614-1000L045C	100.0	1930	2930	0.45
FWFCC1614-680L060C	68.0	1340	1970	0.6
FWFCC1614-470L070C	47.0	920	1260	0.7
FWFCC1614-390L080C	39.0	760	1100	0.8
FWFCC1614-270L090C	27.0	520	770	0.9
FWFCC1614-150L130C	15.0	290	430	1.3
FWFCC1614-100L160C	10.0	200	290	1.6

PHYSICAL CHARACTERISTICS

