

# Frame Core Power Line Chokes

## FWFCC2319V 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 (27.0mm)
- (6) Suitable for wave soldering
- (7) RoHS-compatible



## ELECTRICAL CHARACTERISTICS

Part Number	L(mH) -30/+50% at +20 °C	LK ( uH Max )	DCR(mΩ Max)	Rated Current (A Max)
FWFCC2319V-1000L070C	100.0	2100	1180	0.7
FWFCC2319V-680L090C	68.0	1440	1100	0.9
FWFCC2319V-470L110C	47.0	970	804	1.1
FWFCC2319V-390L120C	39.0	800	696	1.2
FWFCC2319V-270L140C	27.0	550	440	1.4
FWFCC2319V-150L190C	15.0	310	279	1.9
FWFCC2319V-100L230C	10.0	210	188	2.3

## PHYSICAL CHARACTERISTICS

