

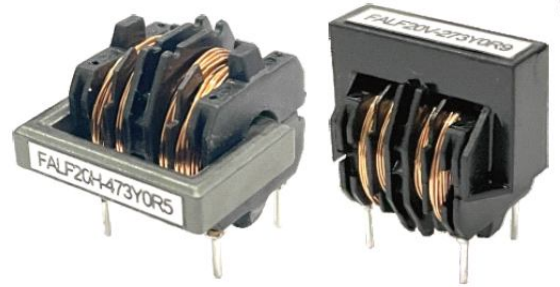
# FALF30V&H SERIES

## FRAME CORE CHOKES FOR POWER LINES



### ELECTRICAL SPECIFICATIONS:

- Rated Voltage 250 VAC.
- Rated Current 0.70 A to 4.6 A.
- Turns Ratio: N1:N2=1:1±2%.
- Hi-pot: 2000VAC/1mA/2Second.
- Test Frequency Response: 10KHz/100mV.
- Operating Temperature Range: -40°C to +105°C.
- Inductance Tolerance: +50%/-30% at 25°C.
- All Parts Meet Rohs Compliance.
- Weight: Approximately 10.5g.



### ELECTRICAL CHARACTERISTICS AT 25°C

| Part Number     | Inductance (mH)<br>+50%/-30% | Lstray (uH)<br>Typ | D.C.Resistance (mohms)<br>Typ | Rated Current (A)<br>Typ |
|-----------------|------------------------------|--------------------|-------------------------------|--------------------------|
| FALF30V-104Y0R5 | 100                          | 650                | 2000                          | 0.5                      |
| FALF30V-104Y0R9 | 100                          | 330                | 1200                          | 0.9                      |
| FALF30V-683Y0R7 | 68                           | 410                | 1450                          | 0.7                      |
| FALF30V-683Y1R1 | 68                           | 370                | 800                           | 1.1                      |
| FALF30V-473Y1R3 | 47                           | 250                | 560                           | 1.3                      |
| FALF30V-393Y1R4 | 39                           | 210                | 460                           | 1.4                      |
| FALF30V-273Y1R7 | 27                           | 140                | 320                           | 1.7                      |
| FALF30V-203Y2R0 | 20                           | 105                | 240                           | 2.0                      |
| FALF30V-153Y2R3 | 15                           | 80                 | 185                           | 2.3                      |
| FALF30V-103Y2R6 | 10                           | 53                 | 130                           | 2.6                      |
| FALF30V-682Y3R2 | 6.8                          | 35                 | 85                            | 3.2                      |
| FALF30V-332Y4R6 | 3.3                          | 17                 | 46                            | 4.6                      |

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|-----------------|------------------------------|--------------------|-------------------------------|--------------------------|
| FALF30H-104Y0R5 | 100                          | 650                | 2000                          | 0.5                      |
| FALF30H-104Y0R9 | 100                          | 330                | 1200                          | 0.9                      |
| FALF30H-683Y0R7 | 68                           | 410                | 1450                          | 0.7                      |
| FALF30H-683Y1R1 | 68                           | 370                | 800                           | 1.1                      |
| FALF30H-473Y1R3 | 47                           | 250                | 560                           | 1.3                      |
| FALF30H-393Y1R4 | 39                           | 210                | 460                           | 1.4                      |
| FALF30H-273Y1R7 | 27                           | 140                | 320                           | 1.7                      |
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| FALF30H-332Y4R6 | 3.3                          | 17                 | 46                            | 4.6                      |

### TECHNICAL INFORMATION

