



EFD30 PCF Chokes

Characteristics:

- High efficiency
- Good EMC behavior
- Height as low as 13.1 mm
- Small footprint
- Suitable for mains voltage
- Isolation voltage of 1.5 kV AC
- Operating temperature: -40 °C to 125 °C

Options:

- High efficiency, good EMC performance
- Low height (13.1mm), small footprint
- Mains voltage compatible, 1.5kV AC isolation
- -40°C to 125°C operating temp
- For active PFC, 75-250W SMPS, lighting (DCM)

Common Applications:

- Active power factor correction
- Lighting applications
- SMPS for 75 W - 250 W
- Modes of operation: DCM

Physical Properties

Order Code	V _{IN}	L (μH)	n	I _R (A)	I _{SAT} (A)	R _{DC 1 max} (mΩ)	R _{DC 2 max} (mΩ)	V _T (V(AC))
INF-EFD30-750μH	85 - 265 V (AC)	750	34:3	0.9	3.3	950	580	1500
INF-EFD30-500μH	195 - 265 V (AC)	500	21:2	0.6	4.2	620	540	1500
INF-EFD30-375μH	195 - 265 V (AC)	375	65:6	0.8	4	470	390	1500
INF-EFD30-250μH	195 - 265 V (AC)	250	50:5	1.1	4.8	300	350	1500
INF-EFD30-200μH	195 - 265 V (AC)	200	50:5	1.4	6	300	350	1500
INF-EFD30-150μH	195 - 265 V (AC)	150	42:5	1.4	6.8	190	350	1500

Technical Specifications

