



RM12 PFC Chokes

Characteristics:

- Delivers high conversion efficiency
- Superior electromagnetic compatibility (EMC) performance
- Ultra-low profile with a maximum height of 13.1 mm
- Space-efficient PCB layout
- Suitable for operation at mains input voltages
- Rated for 1.5 kV AC dielectric isolation
- Operating temperature range: - 40 °C to +125 °C

Options:

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

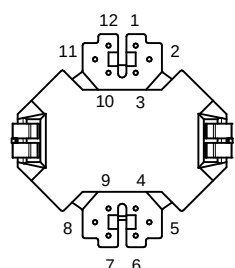
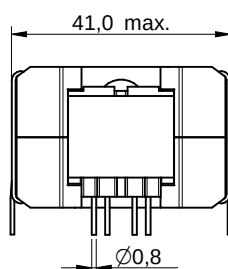
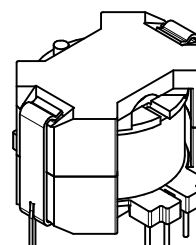
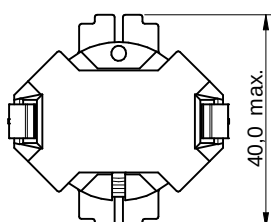
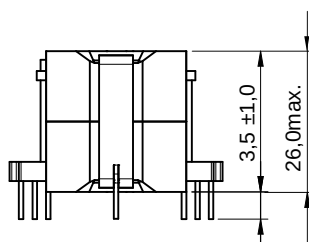
Common Applications:

- Implements active power factor correction (PFC)
- Intended for lighting system applications
- Applicable to switch-mode power supplies with power ratings from 75 W to 250 W
- Supports operation in discontinuous conduction mode (DCM)

Physical Properties

Order Code	V _{IN}	L (μH)	n	I _R (A)	I _{SAT} (A)	R _{DC1} max (mΩ)	R _{DC2} max (mΩ)	V _T (V (AC))
INF-RM12-150μH	195-265V (AC)	150	33:4	1.4	11	80	180	1500
INF-RM12-200μH	195-265V (AC)	200	39:5	1.4	8.4	120	250	1500
INF-RM12-300μH	85-265V (AC)	300	52:5	2.4	7.4	170	250	1500
INF-RM12-450μH	85-265V (AC)	450	10:1	1.2	5.6	330	200	1500

Technical Specifications



Scale - 1:1,5