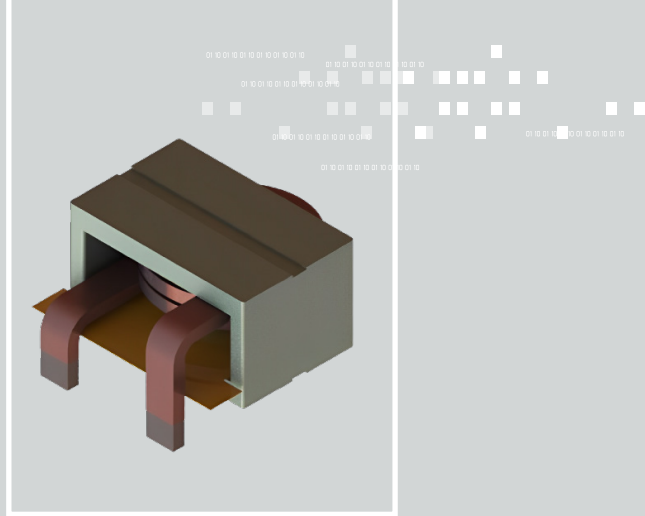


# HPC1R0-200

## Output Filtering Choke 1 $\mu$ H/ 180- 200 Adc

INDUCTIVE COMPONENTS / HIGH CURRENT DC CHOKE



### APPLICATIONS

- › Automotive HV/LV DCDC onboard converters

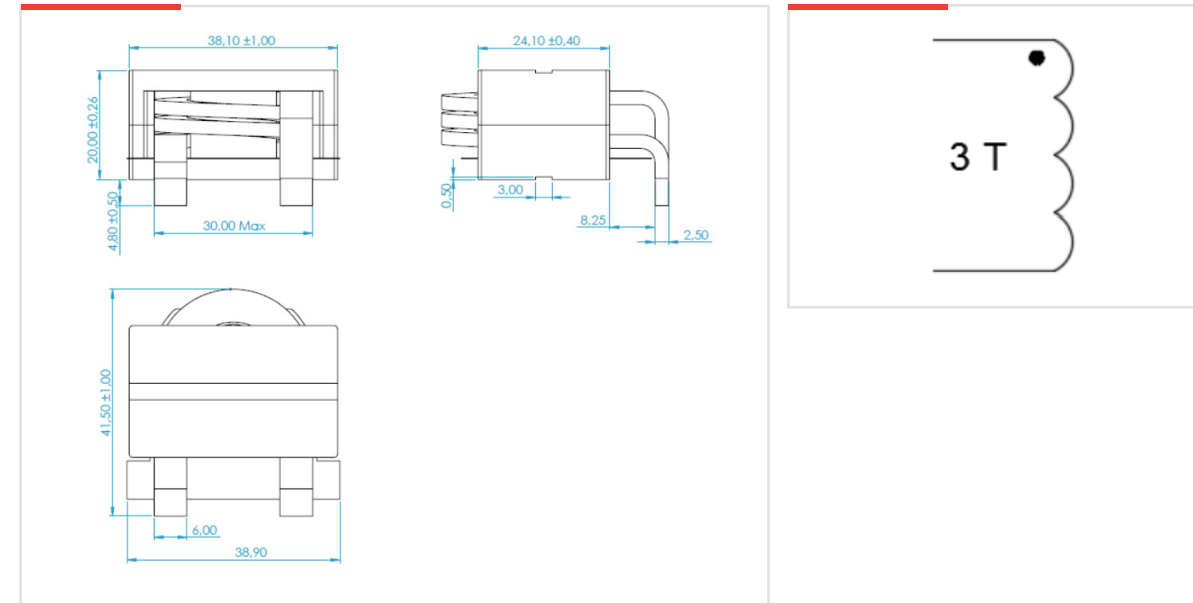
### 01 FEATURES

- › Filtering choke
- › UL94 and RoHS materials
- › AEC-Q200 qualified
- › Weight: approx 70grams

### 02 OPERATION

- › Output filtering choke 1 $\mu$ H 200kHz
- › Copper losses: 14W @100°C (@180Adc)
- › Copper losses: 17W @100°C (@200Adc)
- › Operating temperature -40/+125°C
- › Mounting on cold plate @+65°C MAX

### 03 SPECIFICATIONS



#### ELECTRICAL SPECIFICATIONS

INDUCTANCE at 25°C	
L (200kHz/1Vac)	1 $\mu$ H $\pm$ 10%
DC RESISTANCE at 25°C	
R	55
	0,32m $\Omega$ TYP (0,37m $\Omega$ MAX)
DIELECTRIC STRENGHT	
Between Winding / Core	0.48
	500Vac (50/60Hz/3mA/2min)