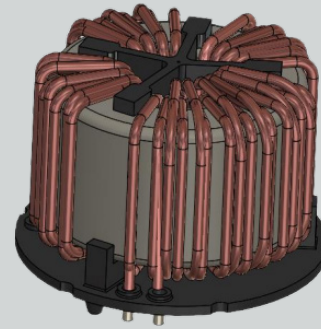


New

4CMCN065R0-32H

4PH CMC 22kW 1000µH 140kHz/0.22A 32-64A

INDUCTIVE COMPONENTS / COMMON MODE CHOKES



APPLICATIONS

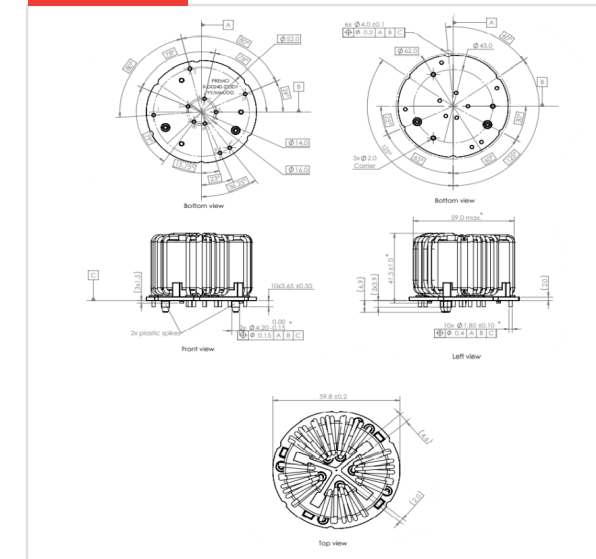
- > Automotive EV/PHV AC/DC onboard battery chargers
- > Automotive HV/LV DC/DC converters

01 FEATURES

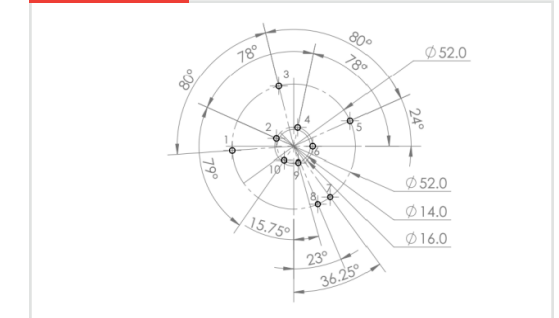
- > 4 Phase Common Mode Choke
- > Current: 32-64Arms
- > Max Voltage: 440Vpk
- > Component temperature range: -40°C to +130°C
- > Copper losses (@32Arms in Np1 & Np2, 64Arms in NN): 25 W
- > Weight : approx 200grams

02 SPECIFICATIONS

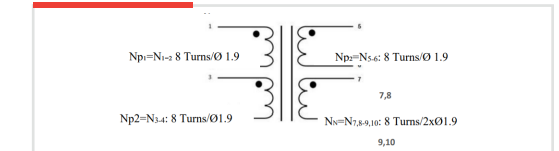
DIMENSIONS (mm)



RECOMMENDED PAD-LAYOUT



ELECTRICAL DIAGRAM



ELECTRICAL SPECIFICATIONS

INDUCTANCE at 25°C		INDUCTANCE at 25°C	
L1 - 2 = L3- 4 = L5- 6= L7,8-9,10 (140 kHz / 1 Vac/0.22A)	1000 µH MIN	BETWEEN N1 - 2 AND N7,8-9,10	2000 Vac (50/60 Hz; 3 mA; 2 sec)
L1 - 2 = L3- 4 = L5- 6= L7,8-9,10(210 kHz / 1Vac/0.22A)	700 µH MIN	BETWEEN N 3- 4 AND N7,8-9,10	2000 Vac (50/60 Hz; 3 mA; 2 sec)
TURN-RATIO		BETWEEN N5- 6 AND N7,8-9,10	2000 Vac (50/60 Hz; 3 mA; 2 sec)
N1 - 2: N3- 4: N5- 6: N7,8-9,10	8:8:8:8	BETWEEN N1 - 2 AND N 3- 4	1000 Vac (50/60 Hz; 3 mA; 2 sec)
DC RESISTANCE at 25°C		BETWEEN N1 - 2 AND N5- 6	1000 Vac (50/60 Hz; 3 mA; 2 sec)
DCR1 - 2 =DCR3- 4 = DCR5- 6	4.7 mΩ TYP < 5.5 mΩ Max	BETWEEN N5- 6 AND N 3- 4	1000 Vac (50/60 Hz; 3 mA; 2 sec)
DCR7,8- 9,10	2.4 mΩ TYP < 2.8 mΩ Max		