

## SERIES: 3PCMC | DESCRIPTION: THREE PHASE TOROIDAL COMMON MODE CHOKES

### FEATURES

- Amorphous core for higher efficiencies
- Great stability in high temperature environments
- Excellent shock proof board mounting
- Good attenuation characteristics
- Toroidal shape for PC board optimization
- Horizontal PCB mount
- 250 V AC-DC operating
- Operating temperature up to +130°C, Thermal Class B



MODEL	Inductance	Rated Current Idc	DCR	Wire Diameter	Dimensions			
					A	B	(C)	(D)
	min [mH]	[A]	max [mΩ]	∅ [mm]	max [mm]	max [mm]	max [mm]	max [mm]
3PCMC-1225	1.20	5	30	1.1	45	32	3.5	36
3PCMC-6018	0.60	8	15	1.4	45	32	3.5	36
3PCMC-45110	0.45	10	12	1.5	45	32	3.5	36
3PCMC-20115	0.20	15	6	1.8	45	32	3.5	36
3PCMC-2025	2.00	5	40	1.1	52	32	3.5	43
3PCMC-1028	1.00	8	18	1.4	52	32	3.5	43
3PCMC-80110	0.80	10	15	1.5	52	32	3.5	43
3PCMC-40115	0.40	15	10	1.8	52	32	3.5	43
3PCMC-20210	2.00	10	30	1.5	66	35	3.5	58
3PCMC-10215	1.00	15	15	1.8	66	35	3.5	58
3PCMC-50120	0.50	20	10	2.1	66	35	3.5	58
3PCMC-22130	0.22	30	5	1.8 x 2	66	35	3.5	58

Notes:  
 Electrical parameters measured at ambient temperature 25°C.  
 Inductance measured at 10 kHz.  
 Dielectric strength 2 kVAC 1 minute.  
 Insulation resistance 100 MΩ min. at 500 VDC.

### PART NUMBER KEY

3PCMC - XXX XX

Type / Product Series

3PCMC = 3 Phase Common Mode Chokes

Inductance

601 = 0.60 mH  
 202 = 2.00 mH

Rated Current (Idc)

8 = 8 A  
 15 = 15 A

## SAFETY AND COMPLIANCE

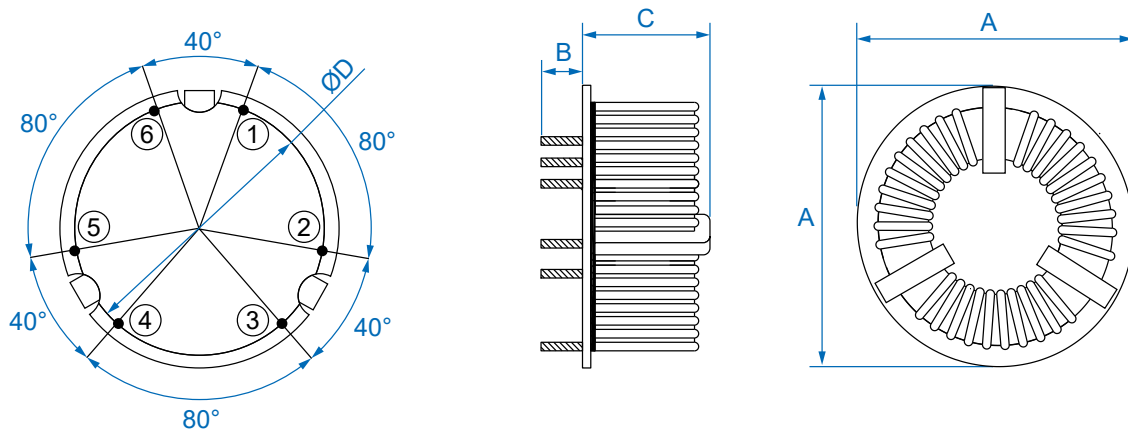
Parameter	Compliant
Safety approvals	
RoHS	Compliance with RoHS, REACH and Halogen Free

## ENVIRONMENTAL

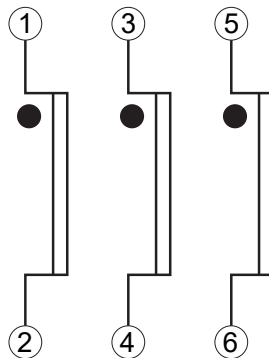
Parameter	Conditions	Min	Typ	Max	Units
Operating temperature		-40		+130	°C

## MECHANICAL DRAWING & DIMENSIONS

Units: mm



## CIRCUIT



## REVISION HISTORY

Rev.	Description	Date
1	Initial release	03/03/2026
A		

**NUCLEAR APPLICATIONS** - Products are not designed or intended for use as critical components in equipment used in hazardous environments, or nuclear control systems.

**TECHNICAL REVISIONS** - The appearance of products, including safety agency certifications pictured on labels, may change depending on the date manufactured. Specifications are subject to change without notice.



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