

## Smart Technology. Delivered.

# High Current Power Line Common Mode Choke CM8663 Series





- Common mode choke for high current up to 65Adc
- Excellent common mode impedance and noise suppression

**ELECTRICAL SPECIFICATIONS** 

- Compact size & robust construction
- Operating temperature -40°C to 155°C (Including self-heating)
- Through hole installation
- Very low DCR

## **APPLICATIONS**

Power line applications

EQUIVALENT

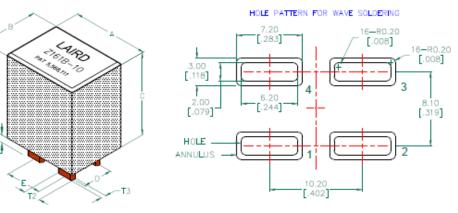
- Industry Device
- Telecom Device

	~							
	TYPIC	CAL IMP	PEDANC	Ε (Ω)	TYPICAL PEAK	TYPICAL PEAK	DCR	RATED
PART NUMBER	Z@ 25 MHz	Z@ 100 MHz	Z@ 500 MHz	Z@ 1 GHz	IMPEDANCE (Ω)	IMPEDANCE FREQUENCY (MHz)	MAX (mΩ)	CURRENT
CM8663Z161B-10	85	160	210	140	300	340	0.15	65Adc

Remark: Rated current is DC current that causes the temperature rise (<55°C) from 25°C ambient.

## SHAPES AND DIMENSIONS

Uni	t:mm			
	А	В	С	D
	22.00±0.40	16.00±0.30	16.50±0.25	8.10±0.25
	E	T1	T2	Т3
	10.20±0.50	3.05±0.33	5.50±0.05	1.40±0.05.



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#### MCP-DS-HIGH CURRENT POWER LINE CMC 1015

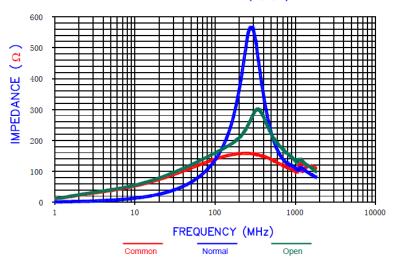
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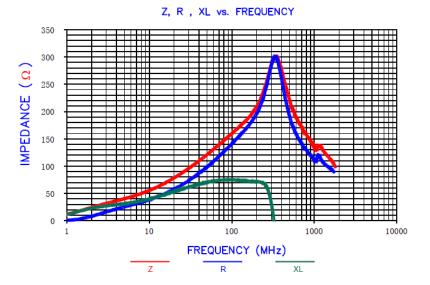
# High Current Power Line Common Mode Choke CM8663 Series

#### PART NUMBER SYSTEM EXAMPLE 8663 161 <u>CM</u> -<u>10</u> B Common Mode Part Size Rated Current Impedance Packing Standard or Custom Chokes Code Code (Z) Code Part

# **TYPICAL CHARACTERISTICS**



## Z vs. FREQUENCY (C,N,O)



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### MCP-DS-HIGH CURRENT POWER LINE CMC 1015

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