SERIES: CH /CL | DESCRIPTION: FILTER CHOKES (SINGLE & DUAL WINDINGS)

FEATURES

- Inductance 0.12 mHY to 100 mHY
- DC current 1.0 ADC to 200 ADC
- Insulation system - Class B (130°C)



CH Series

	Inductance [mHY]	Current [ADC]	DC Resistance [Ω]
CH-1	100	1	1.5
CH-2	70	2	0.9
CH-4	70	4	0.6
CH-6	40	6	0.4
CH-8	30	8	0.3
CH-12	15	12	0.1
CH-16	15	16	0.08
CH-20	7	20	0.05
CH-25	5	25	0.025
CH-30	4	30	0.01
CH-50	1.4	50	0.01
CH-100	0.5	100	0.005
CH-200	0.3	200	0.001

CL Series

	Series Connection			Parallel Connection		
	Inductance [mHY]	Current [ADC]	DC Resistance [Ω]	Inductance [mHY]	Current [ADC]	DC Resistance [Ω]
CL-1-2	72	1	1.4	18	2	0.35
CL-2-4	40	2	0.7	10	4	0.18
CL-4-8	20	4	0.3	5	8	0.075
CL-6-12	12	6	0.15	3	12	0.038
CL-12-24	4.8	12	0.052	1.2	24	0.013
CL-25-50	1.2	25	0.012	0.3	50	0.003
CL-50-100	0.5	50	0.0043	0.12	100	0.0011

Notes:
Signal's dual chokes are supplied with 2 windings which may be series or parallel connected with rating shown in table.
This line is designed for applications requiring lower inductance value at high currents such as low voltage, DC supplies or SCR filters.

Please read our datasheet & drawing disclaimer here.

PART NUMBER KEY

CX-XXX-XXX

Type / Product Series
CH = Signal Filter Chokes (single windings)
CL = Signal Filter Chokes (dual windings)

Current 1 (Series connection)
1 = 1 A
16 = 16 A
200 = 200 A

Current 2 (Parallel connection)
2 = 2 A
12 = 12 A
100= 100 A

ENVIROMENTAL

Parameter	Conditions	Min	Typ	Max	Units
Operating temperature				130	°C
Insulation	Class B (130°C)				

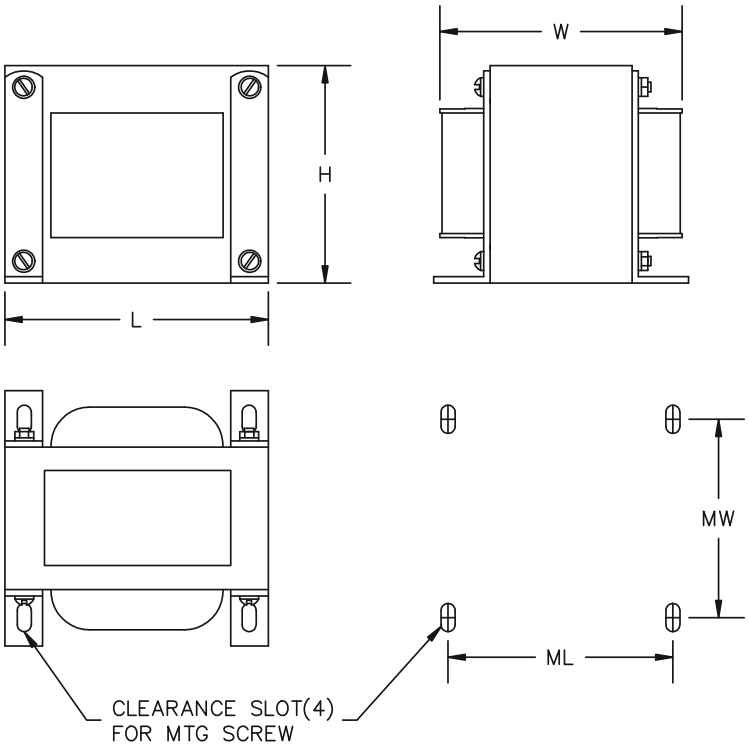
SAFETY AND COMPLIANCE

Parameter	Compliant
RoHS	Compliant (2011/65/EU & 2015/863)
REACH	Conform or Declared (EC)1907/2007

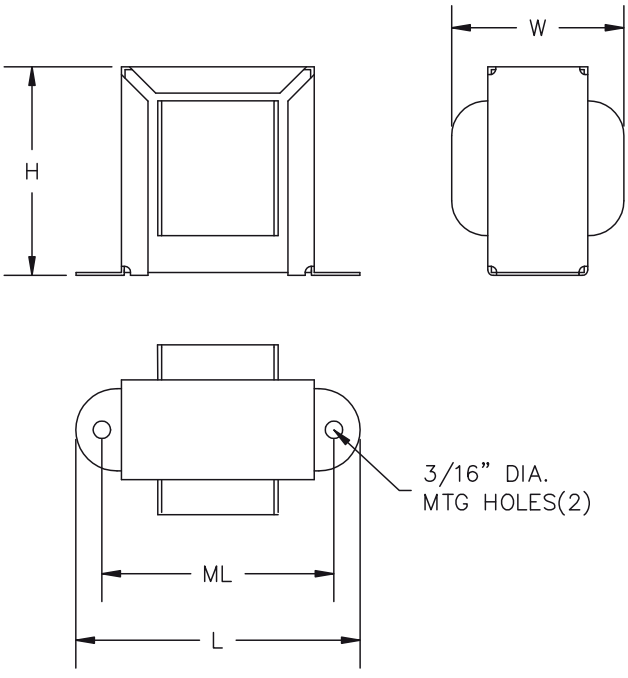
MECHANICAL DRAWING

Units: mm

MOUNTING STYLE B



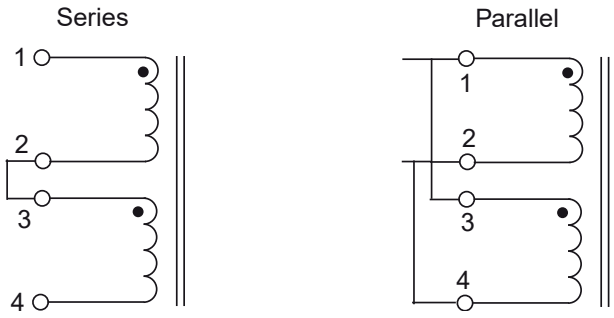
MOUNTING STYLE C



MECHANICAL DIMENSIONS

Product Series	Dimensions [in / mm]					Mounting Style	Mounting Screw	Weight [lb / kg]
	L	W	H	ML	MW			
CH-1	3.00 / 76.2	2.50 / 63.5	2.50 / 63.5	2.50 / 63.5	2.00 / 50.8	B	#8	2.3 / 1.04
CH-2	3.37 / 85.7	2.75 / 69.9	2.87 / 73.0	2.81 / 71.4	2.12 / 53.9	B	#8	3.2 / 1.45
CH-4	3.75 / 95.3	3.12 / 79.4	3.25 / 82.6	3.12 / 79.4	2.50 / 63.5	B	#8	5.3 / 2.40
CH-6	3.75 / 95.3	3.62 / 92.1	3.25 / 82.6	3.12 / 79.4	3.00 / 76.2	B	#8	6.5 / 2.95
CH-8	4.12 / 104.8	3.62 / 92.1	3.50 / 88.9	3.43 / 87.3	3.00 / 76.2	B	#10	8 / 3.63
CH-12	5.25 / 133.4	4.00 / 101.6	4.43 / 112.7	4.37 / 111.1	3.12 / 79.4	B	#10	13.7 / 6.21
CH-16	5.25 / 133.4	4.62 / 117.5	4.43 / 112.7	4.37 / 111.1	3.62 / 92.0	B	#10	17.5 / 7.94
CH-20	5.25 / 133.4	4.00 / 101.6	4.43 / 112.7	4.37 / 111.1	3.12 / 79.4	B	#10	13.3 / 6.03
CH-25	5.25 / 133.4	4.75 / 120.7	4.43 / 112.7	4.37 / 111.1	3.87 / 98.4	B	#10	17.8 / 8.07
CH-30	6.37 / 161.9	5.00 / 127.0	5.37 / 136.5	5.31 / 134.9	3.37 / 85.7	B	1/4	24.4 / 11.07
CH-50	6.37 / 161.9	5.25 / 133.4	5.37 / 136.5	5.31 / 134.9	3.75 / 95.3	B	1/4	26.7 / 12.11
CH-100	6.37 / 161.9	6.25 / 158.8	5.37 / 136.5	5.31 / 134.9	4.12 / 104.8	B	1/4	31.4 / 14.24
CH-200	7.50 / 190.5	7.50 / 190.5	6.25 / 158.8	6.75 / 171.5	4.12 / 104.8	B	1/4	48.0 / 21.77
CL-1-2	2.87 / 73.0	1.75 / 44.5	2.31 / 58.7	2.37 / 60.3	-	C	#8	0.9 / 0.41
CL-2-4	3.12 / 79.4	2.12 / 53.9	2.75 / 69.9	2.81 / 71.4	-	C	#8	1.5 / 0.68
CL-4-8	3.00 / 76.2	2.87 / 73.0	2.50 / 63.5	2.50 / 63.5	2.50 / 63.5	B	#8	3.0 / 1.36
CL-6-12	3.37 / 85.7	3.06 / 77.7	2.81 / 71.4	2.81 / 71.4	2.50 / 63.5	B	#8	4.0 / 1.81
CL-12-24	3.37 / 85.7	3.56 / 90.5	2.81 / 71.4	2.81 / 71.4	3.00 / 76.2	B	#8	5.3 / 2.40
CL-25-50	3.75 / 98.3	3.37 / 85.7	3.37 / 85.7	3.12 / 79.4	2.75 / 69.9	B	#8	6.0 / 2.72
CL-50-100	4.50 / 114.3	3.75 / 95.3	3.75 / 95.3	3.75 / 95.3	2.50 / 63.5	B	#8	8.0 / 3.63

SCHEMATIC DIAGRAM



REVISION HISTORY

Rev.	Description	Date
A	Initial release.	08/26/2026

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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