

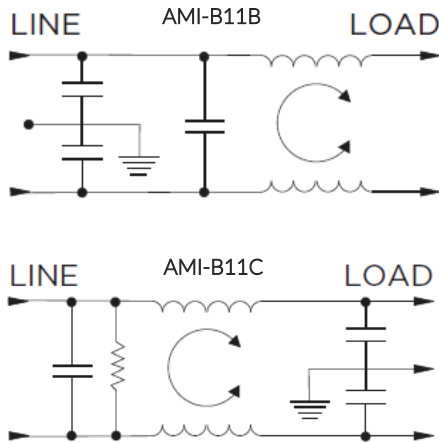
## Features

- Very High CM inductance in compact housing
- Three Performance Levels
- Rated up 10A
- No Earth leakage options for Medical applications

## Applications

- Consumer goods
- Electrical and Electronics Equipment
- Power Supplies
- Test and Measurement Equipment

## Typical Circuit Diagram



## Approvals & Compliances



Pending...

## Technical Specifications

Maximum Continuous Operating voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	1 to 10A @40°C Operating Ambient Temperature Range (at rated current I <sub>r</sub> ): -10°C to +40°C. In an ambient temperature (T <sub>a</sub> ) higher than +40°C the maximum operating current (I <sub>o</sub> ) is calculated as follows: $I_o = I_r \sqrt{[(85-T_a)/45]}$
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

## Product Selector

AMI-B11B/C - 13 - 6 - B - 1

Series code:  
AMI-B11B  
AMI-B11C

PCBA Style: 13

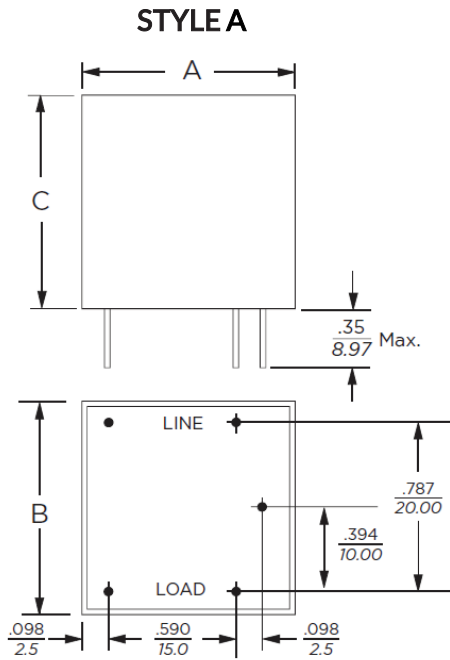
1 to 10 = Rated Current (A)

Blank No Earth Leakage  
-B High Performance  
-B-1 Very High Performance  
-B-2 Standard Performance

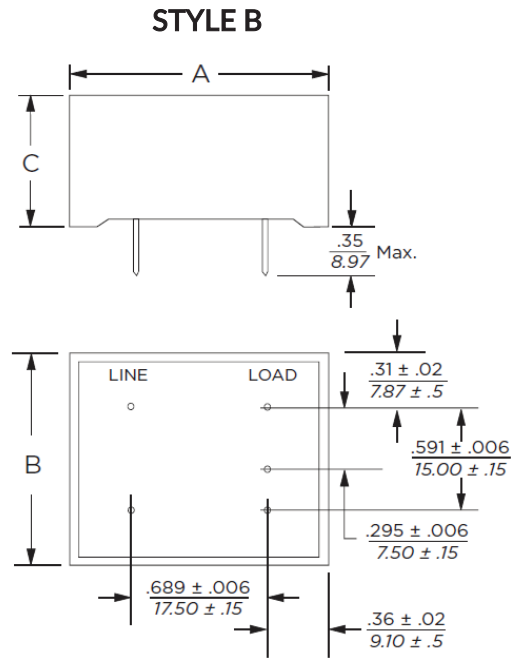
## Selection Table

AMI Designation	Input/output Style	Current Rating	Inductance mH	Capacitance		Resistor KΩ	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz mA	TIL	Case Style
				Cx nF	Cy pF				
Available Part Numbers	PCBA Style								
AMI-B11B-13-1-B	13	1	10	47	2200	0	0.13/0.21	001	A
AMI-B11B-13-1	13	1	10	47	-	0	0		A
AMI-B11B-13-3-B	13	3	2	47	2200	0	0.13/0.21	002	A
AMI-B11B-13-3	13	3	2	47	-	0	0		A
AMI-B11C-13-1-B-1	13	1	10	100	3000	1500	0.22/0.38	003	B
AMI-B11C-13-1	13	1	10	100	-	0	0		B
AMI-B11C-13-3-B-1	13	3	2	100	3000	1500	0.22/0.38	004	B
AMI-B11C-13-3	13	3	2	100	-	0	0		B
AMI-B11C-13-6-B-1	13	6	0.93	100	3000	1500	0.22/0.38	005	B
AMI-B11C-13-6	13	6	0.93	100	-	0	0		B
AMI-B11C-13-10-B-1	13	10	0.35	100	3000	1500	0.22/0.38	006	B
AMI-B11C-13-10	13	10	0.35	100	-	0	0		B
AMI-B11C-13-1-B-2	13	1	10	22	3000	3300	0.22/0.38	007	B
AMI-B11C-13-3-B-2	13	3	2	22	3000	3300	0.22/0.38	008	B
AMI-B11C-13-6-B-2	13	6	0.93	22	3000	3300	0.22/0.38	009	B
AMI-B11C-13-10-B-2	13	10	0.35	22	3000	3300	0.22/0.38	010	B

## Case Style



Typical Dimensions:  
Pins (5): 0.025 [0.635] square



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## Case Dimensions:

Model Number	A max	B max	C max
AMI-B11B-13-X-B	0.984"/25.0mm	0.984"/25.0mm	0.984"/25.0mm
AMI-B11C-13-X-B-1	1.44"/36.6mm	1.24"/31.5mm	0.95"/24.15mm
AMI-B11C-13-X-B-2	1.44"/36.6mm	1.24"/31.5mm	0.78"/19.9mm

## Typical Insertion Loss

According to CISPR17 in 50  $\Omega$  system

— Common Mode / Asymmetrical (L-G)  
 — Differential Mode / Symmetrical (L-L)

