

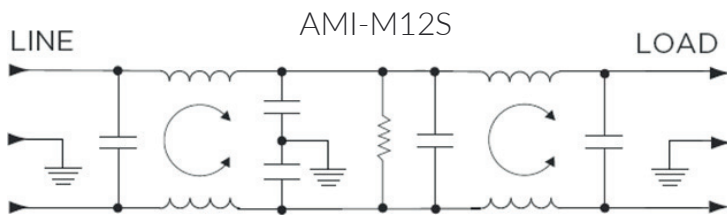
## Features

- General purpose filtering
- Choice of Earth Leakage
- Rated up to 10A
- Choice of Inserts Thread

## Applications

- Electrical and Electronic equipment
- Consumer goods
- Home appliances
- Office equipment

## Typical Circuit Diagram



## Approvals & Compliances



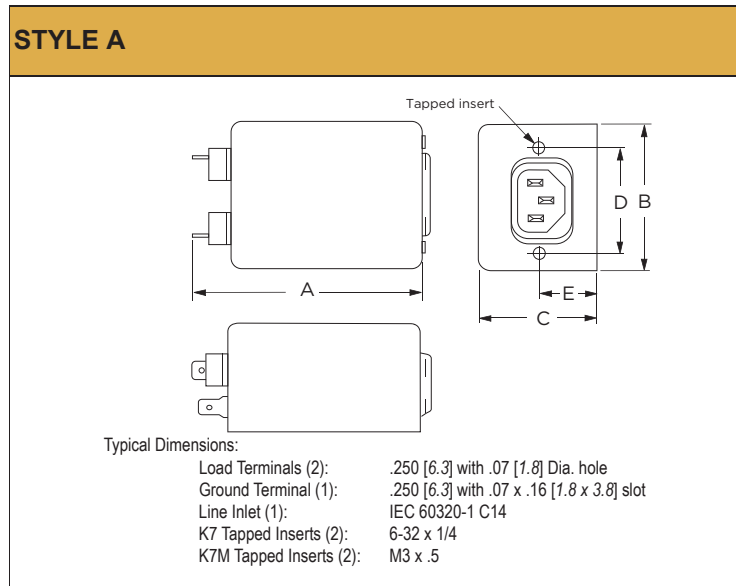
## Technical Specifications

Maximum Continuous Operating Voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	1 to 10A @40°C
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

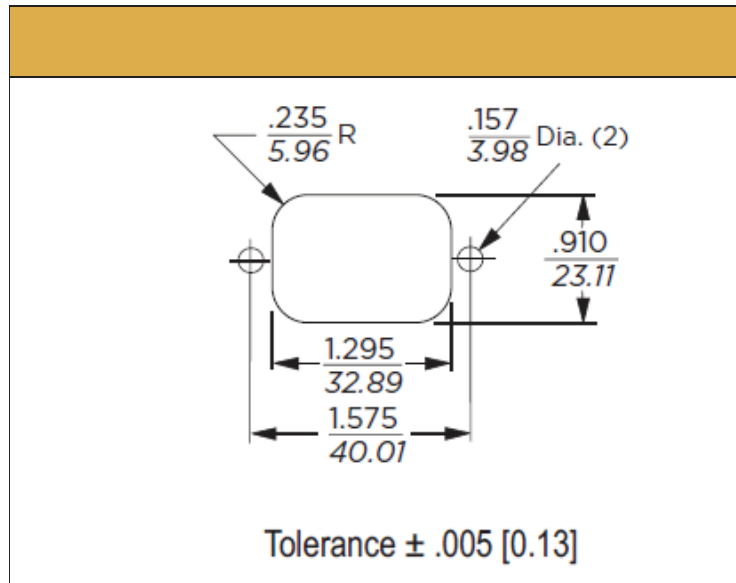
## Selection Table

AMI Designation	Input/output Style	Current Rating	Inductance	Capacitance		Resistor	Leakage Current @ 120 VAC 60Hz/250 VAC 50 Hz	TIL Insertion Loss	Case Style
				Cx	Cy				
Available Part Numbers	IEC	A	mH	nF	pF	KΩ			
AMI-M12S-7-3-B-1	7	3	3.52	300	5500	680	0.4/0.7	005	A
AMI-M12S-7M-3-B-1	7	3	3.52	300	5500	680	0.4/0.7	005	A
AMI-M12S-7-3-B-2	7	3	3.52	300	2800	680	0.21/0.36	001	A
AMI-M12S-7M-3-B-2	7	3	3.52	300	2800	680	0.21/0.36	001	A
AMI-M12S-7-5-B-1	7	5	1.032	300	5500	680	0.4/0.7	006	A
AMI-M12S-7M-5-B-1	7	5	1.032	300	5500	680	0.4/0.7	006	A
AMI-M12S-7-5-B-2	7	5	0.99	300	2800	680	0.21/0.36	002	A
AMI-M12S-7M-5-B-2	7	5	0.99	300	2800	680	0.21/0.36	004	A
AMI-M12S-7-10-B-1	7	10	0.99	300	5500	680	0.4/0.7	007	A
AMI-M12S-7M-10-B-1	7	10	0.99	300	5500	680	0.4/0.7	007	A
AMI-M12S-7-10-B-2	7	10	0.99	300	2800	680	0.21/0.36	003	A
AMI-M12S-7M-10-B-2	7	10	0.99	300	2800	680	0.21/0.36	003	A

## Case Styles



## Recommended Panel Cutout



## Case Dimensions:

Model Number	A max	B max	C max	D max	E max
AMI-M12S-7-3	4.33"/110mm	2.25"/57.2mm	1.28"/32.5mm	1.575"/40.01mm	0.64"/16.3mm
AMI-M12S-7-5	4.33"/110mm	2.25"/57.2mm	1.28"/32.5mm	1.575"/40.01mm	0.64"/16.3mm
AMI-M12S-7-10	4.33"/110mm	2.25"/57.2mm	1.53"/38.9mm	1.575"/40.01mm	0.88"/22.4mm

## Typical Insertion Loss

According to CISPR17 in 50 Ω system

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

