AMI-M11T/M11G Very High Performance IEC Inlet EMI Filters

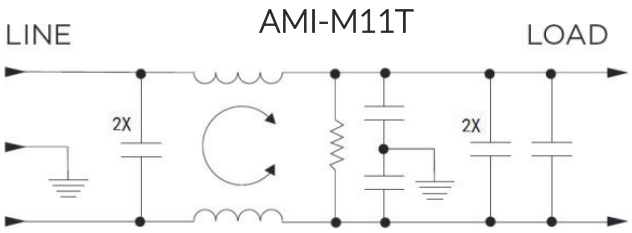
Features

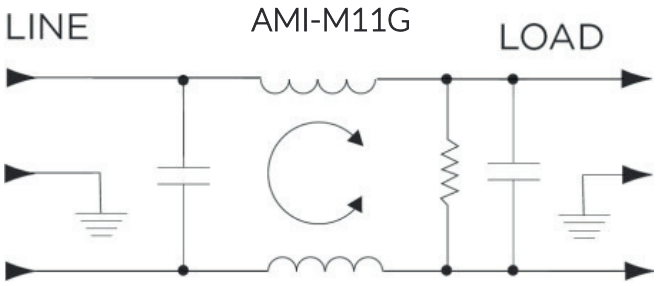
- General purpose filtering
- Choice of No Earth Leakage for Medical
- Rated up to6A
- Choice of Inserts Thread

Applications

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

Typical Circuit Diagram





Approvals & Compliances

(UL Pending)

Technical Specifications

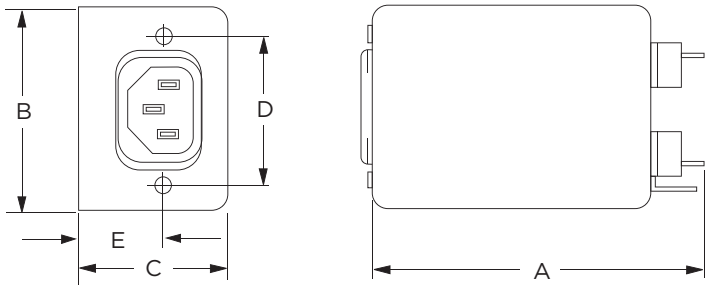
Maximum Continuous Operating Voltage	250 VAC Max
Operating Frequency	50/60Hz
Rated Current	3 to 6A @40°C
Temperature range	-10°C to +40°C
High Potential Test Voltage	Line to Ground: 2250 VDC Line to Line: 1450 VDC

Selection Table

AMI Designation	Input/output Style	Current Rating	Inductance	Capacitance		Resistor	Leakage Current @ 120 VAC 60Hz/25 VAC 50 Hz	TIL Insertion Loss	Case Style
			mH	Cx	Cy	KΩ			
Available Part Numbers	IEC Socket Spade/ Terminal			nF	pF				
AMI-M11G-7-3-A	7	3	36.8	940	0	330	2µA/5µA	001	A
AMI-M11G-7M-3-A	7M	3	36.8	940	0	330	2µA/5µA	001	A
AMI-M11G-7-6-A	7	6	18.5	1089	0	330	2µA/5µA	002	A
AMI-M11G-7M-6-A	7M	6	18.5	1089	0	330	2µA/5µA	002	A
AMI-M11T-7-6-C	7	6	18.5	1089	4000	330	300 µA /500 µA	003	B

Case Styles

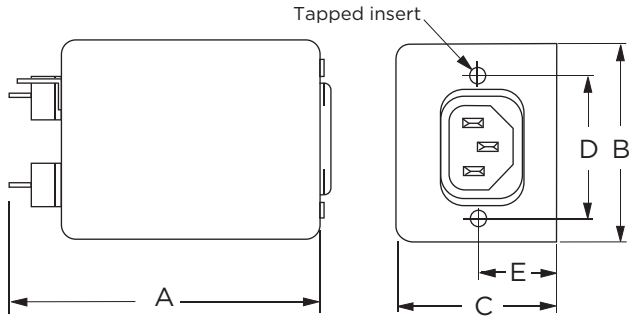
STYLE A



Typical Dimensions:

Load Terminals (2):	.250 [*6.3*] with .07 [*1.8*] Dia. hole
Ground Terminal (1):	.250 [*6.3*] with .07 x .16 [*1.8 x 3.8*] slot
Line Inlet (1):	IEC 60320-1 C14
HT7 Tapped Inserts (2):	6-32 x 1/4
HT7M Tapped Inserts (2):	M3 x .5

STYLE B



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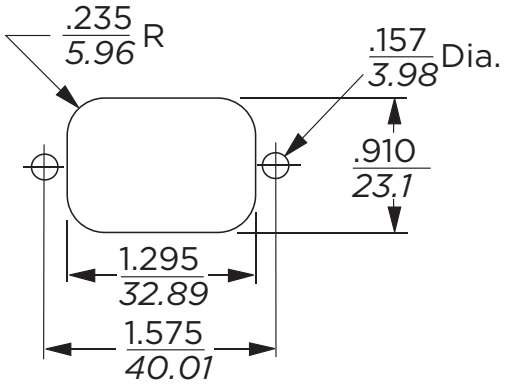
Line Inlet (1):	IEC 60320-1 C14
Tapped Inserts (2):	6-32 x 1/4

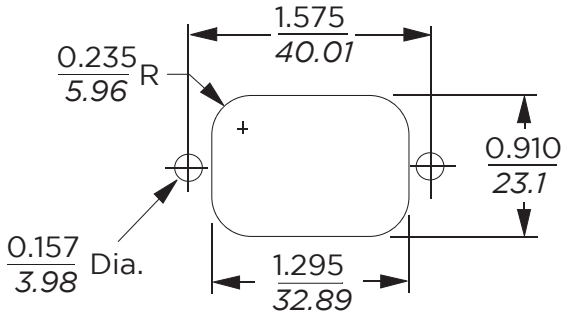
Recommended Panel Cutouts

M11T



Tolerance ± .005 [0.13]

M11G



Tolerance ± .005 [0.13]

Case Dimensions:

Model Number	A max	B max	C max	$D^{\pm .01}_{\pm .25}$	E max
AMI-M11G-7-3-A AMI-M11G-7M-3-A AMI-M11G-7-6-A AMI-M11G-7M-6-A	3.52”/89.4mm	2.25”/57.2mm	1.78”/45.2mm	1.575”/40.01mm	*0.63/16.0mm
AMI-M11T-7-6-C	3.52”/89.4mm	2.25”/57.2mm	1.78”/45.2mm	1.575”/40.01mm	*0.63”/16.0mm

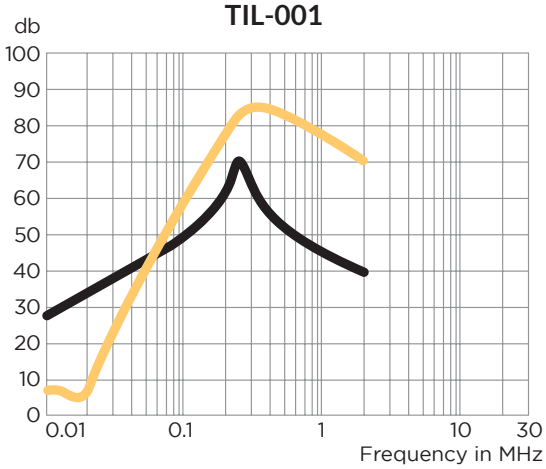
*±0.02/0.5

Typical Insertion Loss

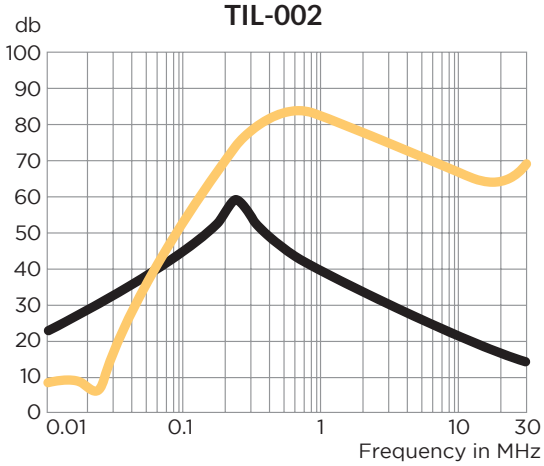
According to CISPR17 in 50 Ω system

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

TIL-001



TIL-002



TIL-003