

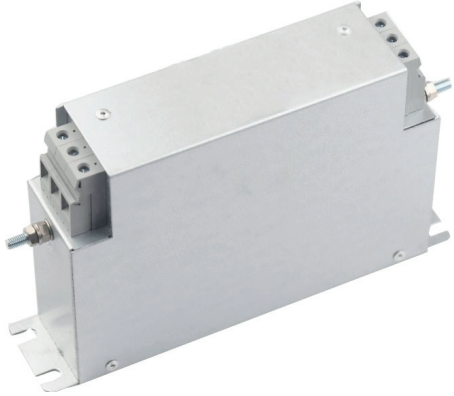
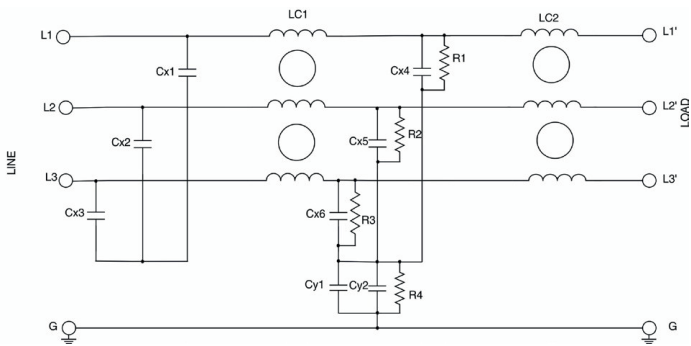
### Features

- High EMI attenuation
- Rated up to 230A
- Book-style with convenient size
- Choice of Earth Leakage/Performance for each model

### Applications

- Inverters, converters
- Process automation equipment
- Machine tool and machinery equipment
- Three-phase power supplies

### Typical Circuit Diagram




### Approvals & Compliances




### Technical Specifications


Maximum continuous operating voltage:	530VAC (AMI-3088, AMI-3088IT) 760VAC (AMI3088HV, AMI3088HVIT)
Operating Frequency:	50/60 Hz
Rated Currents:	10A to 230A @ 50°C
High Potential test voltage:	L -> G 2884 VDC for 2 sec (AMI-3088) L -> L 2279 VDC for 2 sec (AMI-3088) L -> G 3528 VDC for 2 sec (AMI3088HV) L -> L 3268 VDC for 2 sec (AMI3088HV)
Overload Capability:	4x rated current at switch on 135% of rated current for 15Mins
Flammability corresponding to:	UL 94 V-0 or better
Temperature range:	-40°C to +100°C
Climatic class:	40/100/21
Design corresponding to:	UL 60939-3 & IEC 60939-1&2
Protection category:	IP 20
Over-voltage category:	III acc. IEC 60664-1
Compliance with insulation requirement:	> 1MOhm acc. to IEC 60204-1

## Selection Table


High Performance Version									
Available Part Numbers	Current Rating @ 50°C (A)	Leakage current @ 520 VAC/50 Hz (mA)				Power loss 50Hz (W)	Termination 	Weight Approx. (Kg)	Enclosure
		C02	C03	C06	C11				
AMI-3088-10-06-C02-R01	10	0.1	-	-	-	7.5	06	0.8	A
AMI-3088-10-06-C03-R01	10	-	0.4	-	-	7.5	06	0.8	A
AMI-3088-10-06-C06-R01	10	-	-	2.5	-	7.5	06	0.8	A
AMI-3088-10-06-C11-R01	10	-	-	-	5.9	7.5	06	0.8	A
AMI-3088-16-06-C02-R01	16	0.1	-	-	-	10.5	06	1	B
AMI-3088-16-06-C03-R01	16	-	0.4	-	-	10.5	06	1	B
AMI-3088-16-06-C06-R01	16	-	-	2.5	-	10.5	06	1	B
AMI-3088-16-06-C11-R01	16	-	-	-	6	10.5	06	1	B
AMI-3088-20-06-C02-R01	20	0.1	-	-	-	11	06	1.2	C
AMI-3088-20-06-C03-R01	20	-	0.4	-	-	11	06	1.2	C
AMI-3088-20-06-C06-R01	20	-	-	2.5	-	11	06	1.2	C
AMI-3088-20-06-C11-R01	20	-	-	-	6	11	06	1.2	C
AMI-3088-25-06-C02-R01	25	0.1	-	-	-	18	06	1.2	C
AMI-3088-25-06-C03-R01	25	-	0.4	-	-	18	06	1.2	C
AMI-3088-25-06-C06-R01	25	-	-	2.5	-	18	06	1.2	C
AMI-3088-25-06-C11-R01	25	-	-	-	6	18	06	1.2	C
AMI-3088-40-06-C02-R01	40	0.1	-	-	-	22	06	1.8	D
AMI-3088-40-06-C03-R01	40	-	0.4	-	-	22	06	1.8	D
AMI-3088-40-06-C06-R01	40	-	-	3.5	-	22	06	1.8	D
AMI-3088-40-06-C11-R01	40	-	-	-	6	22	06	1.8	D
AMI-3088-50-16-C02-R01	50	0.1	-	-	-	30	16	2.5	E
AMI-3088-50-16-C03-R01	50	-	0.4	-	-	30	16	2.5	E
AMI-3088-50-16-C06-R01	50	-	-	2.6	-	30	16	2.5	E
AMI-3088-50-16-C11-R01	50	-	-	-	6.6	30	16	2.5	E
AMI-3088-63-16-C02-R01	63	0.1	-	-	-	35	16	2.7	E
AMI-3088-63-16-C03-R01	63	-	0.4	-	-	35	16	2.7	E
AMI-3088-63-16-C06-R01	63	-	-	2.6	-	35	16	2.7	E
AMI-3088-63-16-C11-R01	63	-	-	-	6.6	35	16	2.7	E
AMI-3088-80-35-C02-R01	80	0.1	-	-	-	29	35	4.3	F
AMI-3088-80-35-C03-R01	80	-	0.4	-	-	29	35	4.3	F
AMI-3088-80-35-C06-R01	80	-	-	2.7	-	29	35	4.3	F
AMI-3088-80-35-C11-R01	80	-	-	-	7.1	29	35	4.3	F
AMI-3088-100-50-C02-R01	100	0.1	-	-	-	36	50	5.1	G
AMI-3088-100-50-C03-R01	100	-	0.4	-	-	36	50	5.1	G
AMI-3088-100-50-C06-R01	100	-	-	2.7	-	36	50	5.1	G

## Selection Table


High Performance Version									
Available Part Numbers	Current Rating @ 50°C (A)	Leakage current @ 520 VAC/50 Hz (mA)				Power loss 50Hz (W)	Termination 	Weight Approx. (Kg)	Enclosure
		C02	C03	C06	C11				
AMI-3088-100-50-C11-R01	100	-	-	-	7.1	36	06	5.1	G
AMI-3088-125-50-C02-R01	125	0.1	-	-	-	42.5	06	5.0	G
AMI-3088-125-50-C03-R01	125	-	0.4	-	-	42.5	06	5.0	G
AMI-3088-125-50-C06-R01	125	-	-	2.7	-	42.5	06	5.0	G
AMI-3088-125-50-C11-R01	125	-	-	-	7.1	42.5	06	5.0	G
AMI-3088-160-95-C02-R01	160	0.1	-	-	-	46.5	16	6.6	H
AMI-3088-160-95-C03-R01	160	-	0.4	-	-	46.5	16	6.6	H
AMI-3088-160-95-C06-R01	160	-	-	2.7	-	46.5	35	6.6	H
AMI-3088-160-95-C11-R01	160	-	-	-	7.1	46.5	50	6.6	H
AMI-3088-230-95-C02-R01	230	0.1	-	-	-	48	50	9.3	V
AMI-3088-230-95-C03-R01	230	-	0.4	-	-	48	95	9.3	V
AMI-3088-230-95-C06-R01	230	-	-	2.7	-	48	95	9.3	V
AMI-3088-230-95-C11-R01	230	-	-	-	7.1	48	95	9.3	V

High Performance for IT Power Networks						
Available Part Numbers	Current Rating @ 50°C (A)	Leakage current @ 520 VAC/50 Hz (mA)	Power loss 50Hz (W)	Termination 	Weight Approx. (Kg)	Enclosure
		C10				
AMI-3088IT-10-06-C10-R01	10	5.9	6.5	06	1.1	I
AMI-3088IT-16-06-C10-R01	16	5.9	10	06	1.3	J
AMI-3088IT-20-06-C10-R01	20	5.9	13.5	16	1.6	K
AMI-3088IT-25-06-C10-R01	25	5.9	16	16	1.6	K
AMI-3088IT-40-06-C10-R01	40	5.9	19	16	2.8	L
AMI-3088IT-50-06-C10-R01	50	6.5	24	16	2.8	M
AMI-3088IT-63-06-C10-R01	63	6.5	30	16	2.9	M
AMI-3088IT-80-06-C10-R01	80	7.0	30	35	4.6	N
AMI-3088IT-100-06-C10-R01	100	7.0	33	50	5.4	O
AMI-3088IT-125-06-C10-R01	125	7.0	42.5	50	5.3	O
AMI-3088IT-160-06-C10-R01	160	7.0	46.5	95	6.9	P
AMI-3088IT-230-06-C10-R01	230	7.0	48	95	9.3	V

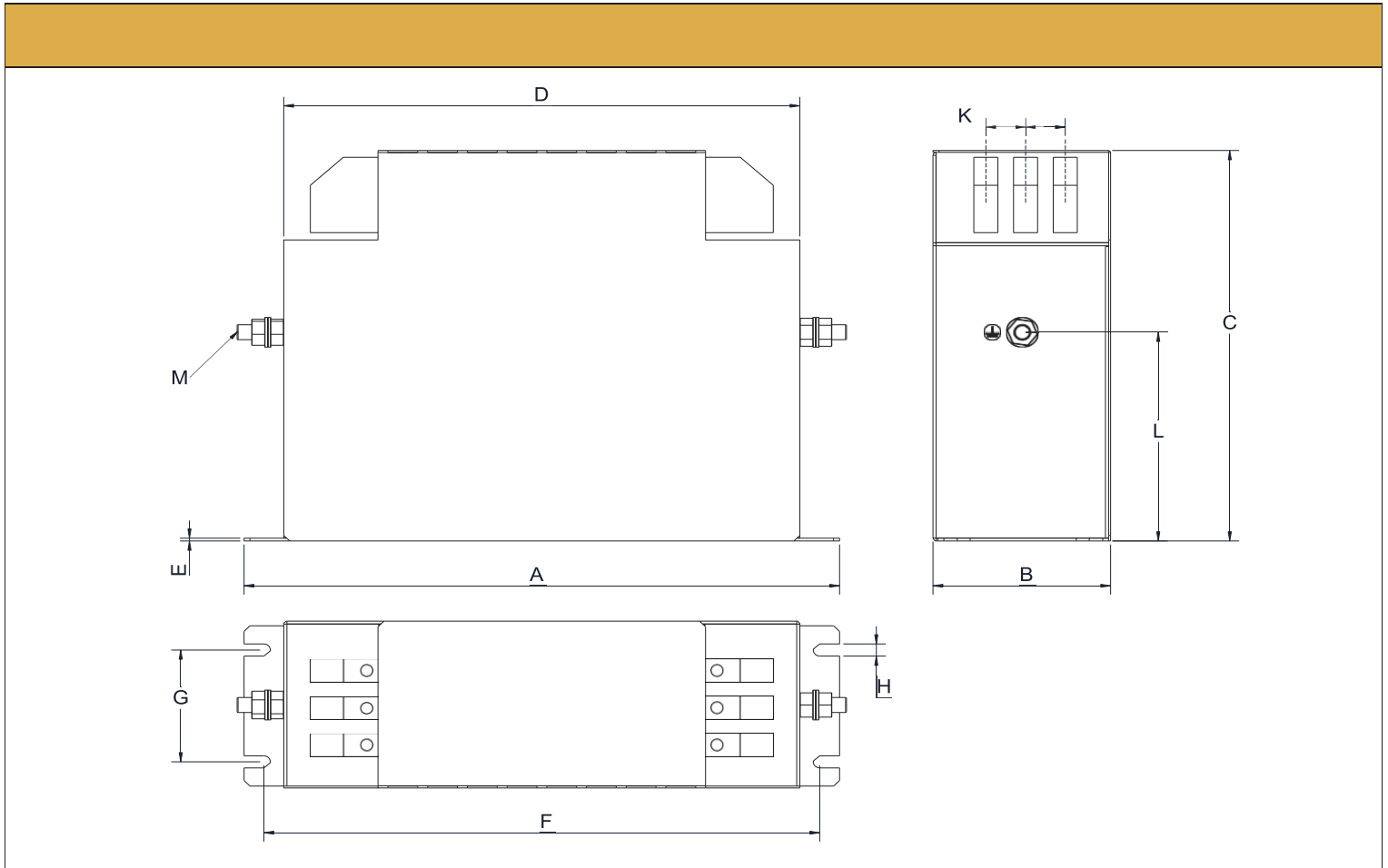
## Selection Table

High Voltage Version							
Available Part Numbers	Current Rating @ 50°C (A)	Leakage current @ 520 VAC/50 Hz (mA)		Power loss 50Hz (W)	Termination 	Weight Approx. (Kg)	Enclosure
		C05	C12				
AMI-3088HV-10-06-C05-R01	10	2.2	-	7	06	1.2	I
AMI-3088HV-10-06-C12-R01	10	-	8.4	7	06	1.2	I
AMI-3088HV-16-06-C05-R01	16	2.5	-	11	06	1.5	J
AMI-3088HV-16-06-C12-R01	16	-	9.2	11	06	1.5	J
AMI-3088HV-20-06-C05-R01	20	2.5	-	13	06	1.8	K
AMI-3088HV-20-06-C12-R01	20	-	10.9	13	06	1.8	K
AMI-3088HV-25-06-C05-R01	25	2.5	-	15	06	1.9	K
AMI-3088HV-25-06-C12-R01	25	-	10.9	15	06	1.9	K
AMI-3088HV-40-06-C05-R01	40	2.6	-	20	06	2.9	L
AMI-3088HV-40-06-C12-R01	40	-	12.4	20	06	2.9	L
AMI-3088HV-50-06-C05-R01	50	2.6	-	26.5	16	3.3	M
AMI-3088HV-50-06-C12-R01	50	-	12.4	26.5	16	3.3	M
AMI-3088HV-63-06-C05-R01	63	2.6	-	33.5	16	3.5	M
AMI-3088HV-63-06-C12-R01	63	-	12.4	33.5	16	3.5	M
AMI-3088HV-80-06-C05-R01	80	2.6	-	29	35	4.9	N
AMI-3088HV-80-06-C12-R01	80	-	12.4	29	35	4.9	N
AMI-3088HV-100-06-C05-R01	100	2.6	-	33	50	5.8	O
AMI-3088HV-100-06-C12-R01	100	-	12.4	33	50	5.8	O
AMI-3088HV-125-06-C05-R01	125	2.6	-	42	50	5.9	O
AMI-3088HV-125-06-C12-R01	125	-	12.4	42	50	5.9	O
AMI-3088HV-160-06-C05-R01	160	2.6	-	46.5	95	7.2	P
AMI-3088HV-160-06-C12-R01	160	-	12.4	46.5	95	7.2	P
AMI-3088HV-230-06-C05-R01	230	2.6	-	48	95	9.3	V
AMI-3088HV-230-06-C12-R01	230	-	12.4	48	95	9.3	V

## Selection Table

High Performance for IT Power Networks										
Available Part Numbers	Current Rating @ 50°C (A)	Leakage current @ 520 VAC/50 Hz (mA)					Power loss 50Hz (W)	Termination 	Weight Approx. (Kg)	Enclosure
		C06	C10	C13	C14	C15				
AMI-3088HVIT-10-06-C06-R01	10	3.6	-	-	-	-	7	06	1.2	I
AMI-3088HVIT-10-06-C13-R01	10	-	-	4.6	-	-	7	06	1.2	I
AMI-3088HVIT-16-06-C05-R01	16	3.7	-	-	-	-	11	06	1.5	J
AMI-3088HVIT-16-06-C12-R01	16	-	-	-	6.8	-	11	06	1.5	J
AMI-3088HVIT-20-06-C06-R01	20	3.7	-	-	-	-	13	06	1.8	K
AMI-3088HVIT-20-06-C14-R01	20	-	-	-	6.8	-	13	06	1.8	K
AMI-3088HVIT-25-06-C06-R01	25	3.7	-	-	-	-	15	06	1.9	K
AMI-3088HVIT-25-06-C14-R01	25	-	-	-	6.8	-	15	06	1.9	K
AMI-3088HVIT-40-06-C06-R01	40	3.7	-	-	-	-	19.5	06	2.9	L
AMI-3088HVIT-40-06-C14-R01	40	-	-	-	6.8	-	19.5	06	2.9	L
AMI-3088HVIT-50-06-C06-R01	50	3.7	-	-	-	-	26.5	16	3.3	M
AMI-3088HVIT-50-06-C14-R01	50	-	-	-	6.8	-	26.5	16	3.3	M
AMI-3088HVIT-63-06-C06-R01	63	3.7	-	-	-	-	33.5	16	3.5	M
AMI-3088HVIT-63-06-C14-R01	63	-	-	-	6.8	-	33.5	16	3.5	M
AMI-3088HVIT-80-06-C06-R01	80	3.7	-	-	-	-	29	35	4.9	N
AMI-3088HVIT-80-06-C14-R01	80	-	-	-	6.8	-	29	35	4.9	N
AMI-3088HVIT-100-06-C06-R01	100	3.7	-	-	-	-	33	50	5.8	O
AMI-3088HVIT-100-06-C14-R01	100	-	-	-	6.8	-	33	50	5.8	O
AMI-3088HVIT-125-06-C06-R01	125	3.7	-	-	-	-	42.5	50	5.9	O
AMI-3088HVIT-125-06-C15-R01	125	-	-	-	-	5.9	42.5	50	5.9	O
AMI-3088HVIT-160-06-C06-R01	160	3.7	-	-	-	-	46.5	95	7.2	P
AMI-3088HVIT-160-06-C14-R01	160	-	-	-	6.8	-	46.5	95	7.2	P
AMI-3088HVIT-230-06-C06-R01	230	3.7	-	-	-	-	47.5	95	9.3	V
AMI-3088HVIT-230-06-C10-R01	230	-	12.4	-	-	-	47.5	95	9.3	V


## Mechanical Drawing



## Mechanical Dimensions:

	A	B	C	D	E	F	G	H	K	L±1	M**
A	185	40	120	157	0.8	175	20	4.5	11	76	M5
B	195	45	140	164	0.8	180	25	5.4	11	93	M5
C	210	45	145	174	0.8	195	25	5.4	13	96	M5
D	235	50	168	207	1.0	220	30	5.4	13	115	M6
E	255	65	180	226	1.0	240	45	5.4	16	120	M6
F	290	80	205	250	1.2	270	50	6.5	22	110	M6
G	300	90	210	260	1.5	280	60	6.5	25	112	M8
H	310	100	225	270	1.5	290	70	6.5	28	110	M10
I	230	50	132	203	0.8	220	30	4.5	12.5	88	M5
J	230	55	159	198	0.8	215	35	5.4	13	112	M5
K	245	55	167	212	0.8	230	35	5.4	13	118	M5
L	265	60	191	237	1.0	250	40	5.4	13	135	M6
M	265	70	194	237	1.0	250	50	5.4	16	133	M6
N	310	95	220	270	1.2	290	65	6.5	22	125	M6
O	320	95	230	280	1.5	300	65	6.5	25	127	M8
P	330	100	240	290	1.5	310	70	6.5	30	127	M10
Q	180	40	112	153	0.8	170	20	4.5	11	68	M5
R	200	45	120	170	0.8	185	25	5.4	11	76	M5
S	205	45	132	173	0.8	190	25	5.4	13	83	M5
T	215	50	147	185	1.0	200	30	5.4	13	95	M6
U	220	65	180	186	1.0	205	45	5.4	16	120	M6
	350	105	240	310	1.5	330	70	6.5	30.5	125	M10

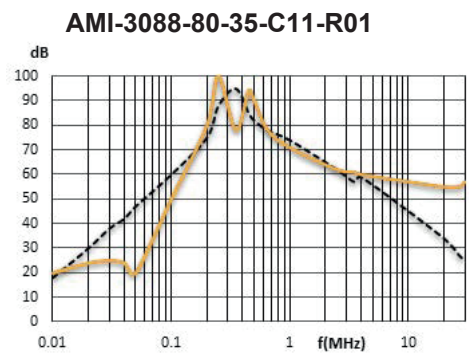
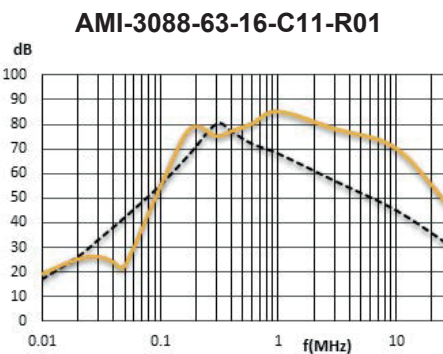
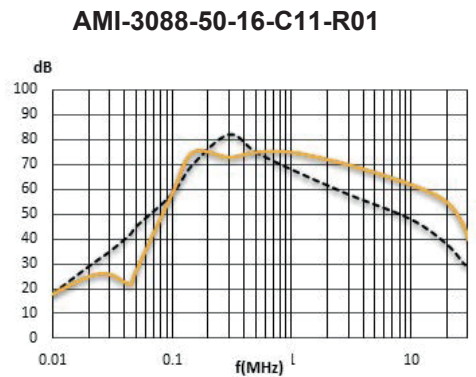
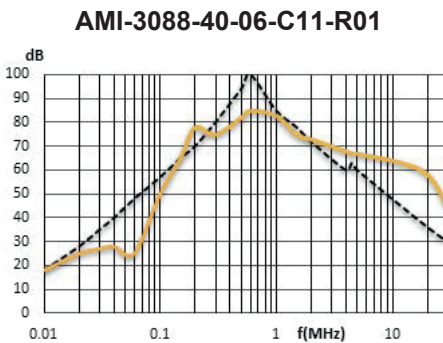
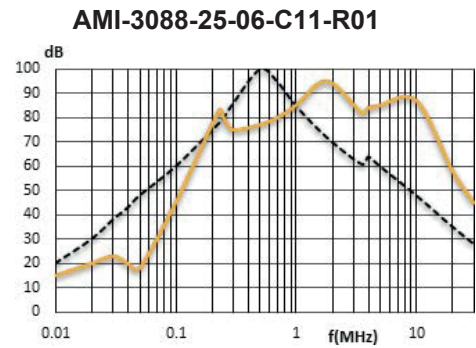
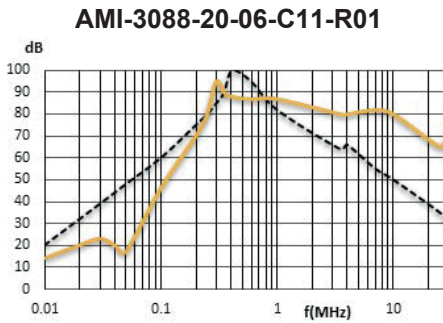
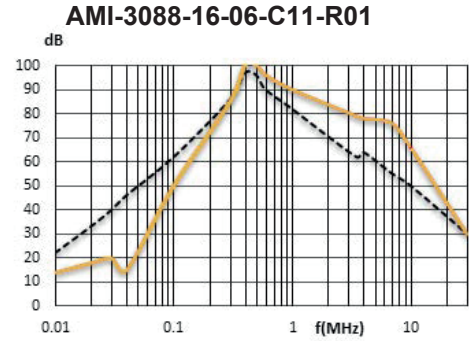
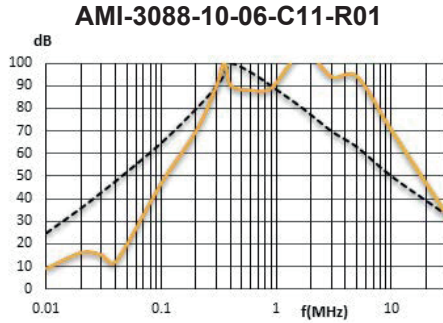
All Dimensions in mm: 1 inch=25.4mm. Tolerance according : ISO 2768-C

	06	16	35	50	95
Wire range	8 to 26 AWG	4 to 20 AWG	2 to 8 AWG	6 to 1/0 AWG	AWG 4/0
Stripping Length	9mm	16mm	19mm	24mm	27mm
Recommended torque	1.19 to 1.46	2.48 to 2.82	2.48 to 2.82	4.29 to 4.51	3.5-6

## Typical Insertion Loss

According to CISPR17 in 50  $\Omega$  system

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



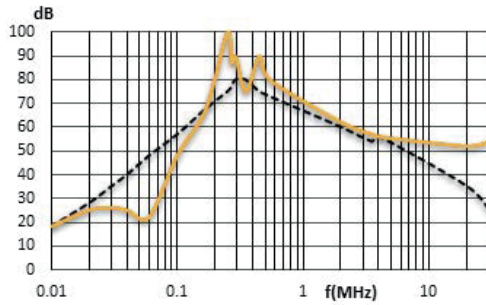


## Typical Insertion Loss

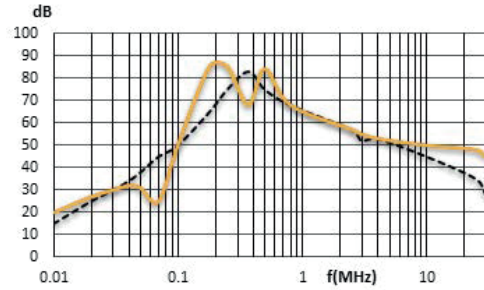
According to CISPR17 in 50  $\Omega$  system

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

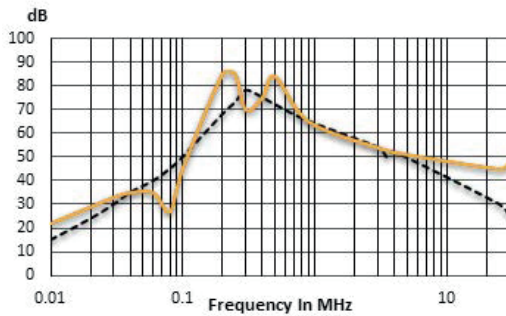
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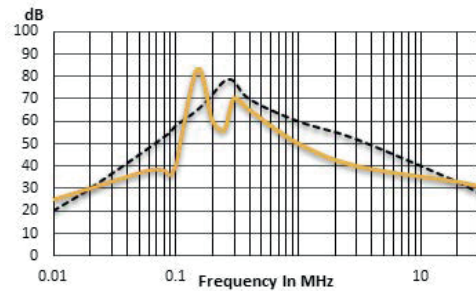
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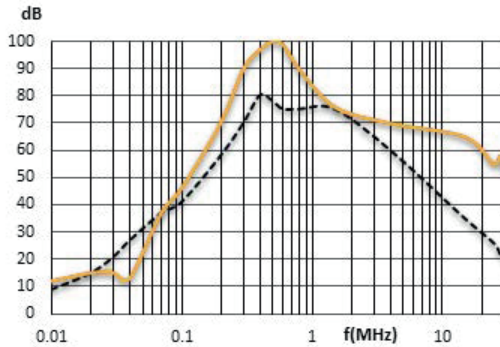
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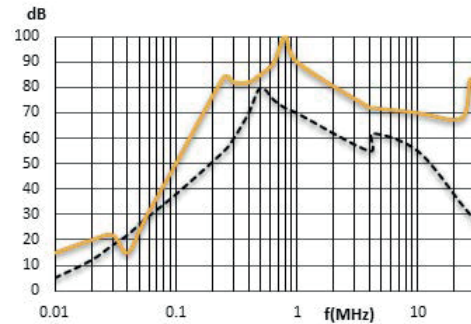
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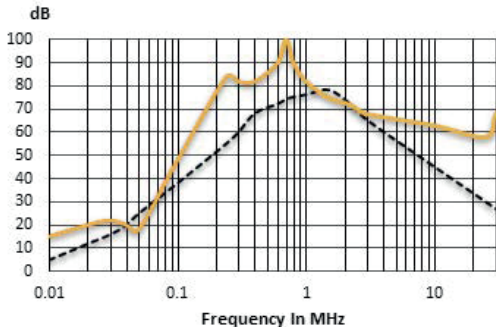
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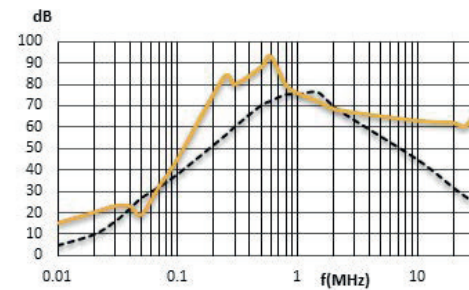
**AMI-3088-16-06-C03-R01**



**AMI-3088-20-06-C03-R01**



**AMI-3088-25-06-C03-R01**



## Typical Insertion Loss

According to CISPR17 in 50  $\Omega$  system

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

