

ARTISAN®
TECHNOLOGY GROUP

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Artisan Technology Group
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Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
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Expert team | Trust guarantee | 100% satisfaction

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DELTA

DE SERIES COMPACT IEC CONNECTOR FILTERS

INTRODUCTIONS

1. Designed as a general purpose filter with an IEC connector.
2. Bleeder resistor is added for EG3E, EG3B, EG3R, EW3B, EW3E, EW3R, EG3S numbers with suffix "R".

SPECIFICATIONS

1. Maximum leakage current each
   line-to-ground @ 115VAC 60Hz: 0.25mA
   @ 250VAC 50Hz: 0.45mA
2. Hipot rating (one minute)
   line-to-ground: 2250VDC
   line-to-line: 1450VDC
3. Operating frequency: 50/60Hz
4. Rated voltage: 115/250VAC

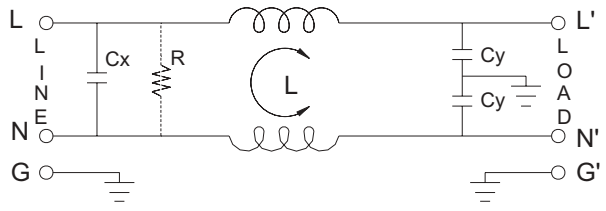
COMPONENTS

PART NO.	Cx (uF)	L (mH)	Cy (pF)
01DEEG3R/-R	0.033	0.26	2200
01DEEW3R/-R			
01DEEG3B/-R		5	
01DEEW3B/-R			
01DEEG3S/-R		5.5	
01DEEG3E/-R	0.015	1.9	3300
01DEEW3E/-R			
• 01DEEG3L	—	0.34	1000
03DEEG3R/-R	0.033	0.18	2200
03DEEW3BS/-R		2.5	
03DEEW3R/-R		1.8	
03DEEG3B/-R			
03DEEG3S/-R			
03DEEW3B/-R			
03DEEG3E/-R	0.015	1.1	3300
03DEEW3E/-R			
• 03DEEG3HA	—	0.032	

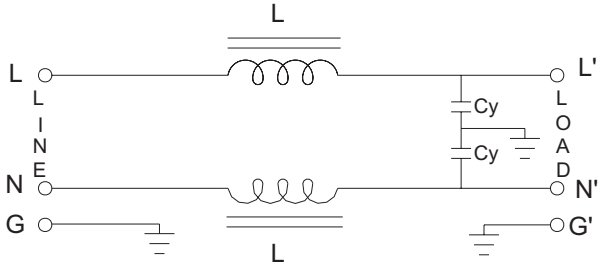
PART NO.	Cx (uF)	L (mH)	Cy (pF)
• 03DEEG3L	—	0.08	1000
• 03DEEG3HAX	0.015	0.032	3300
06DEEG3R/-R	0.033	0.072	2200
06DEEW3R/-R			
06DEEG3S/-R		0.5	
06DEEG3B/-R		0.6	
06DEEW3B/-R			
06DEEG3E/-R	0.015	0.55	3300
06DEEW3E/-R			
* 06DEEG3HA	—	0.032	3300
• 06DEEG3L		0.016	1000
10DEEG3B/-R	0.033	0.18	2200
10DEEG3S/-R			
10DEEW3B/-R			
10DEEW3R/-R		0.018	
10DEEG3R/-R			

* UL & CSA approved only
• UL, CSA & VDE approved

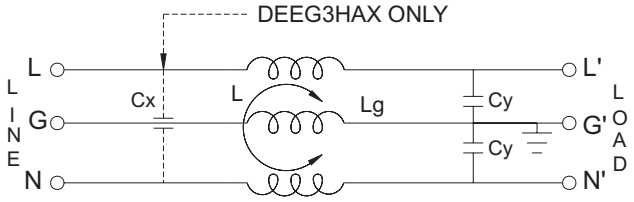
ELECTRICAL SCHEMATIC



R=1MΩ



DEEG3L ONLY

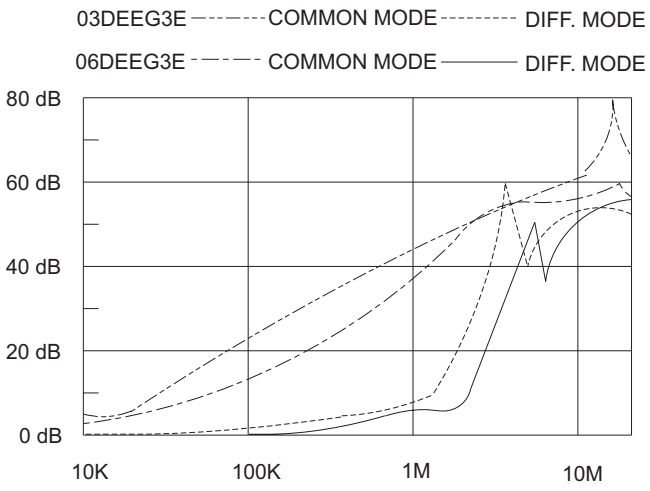


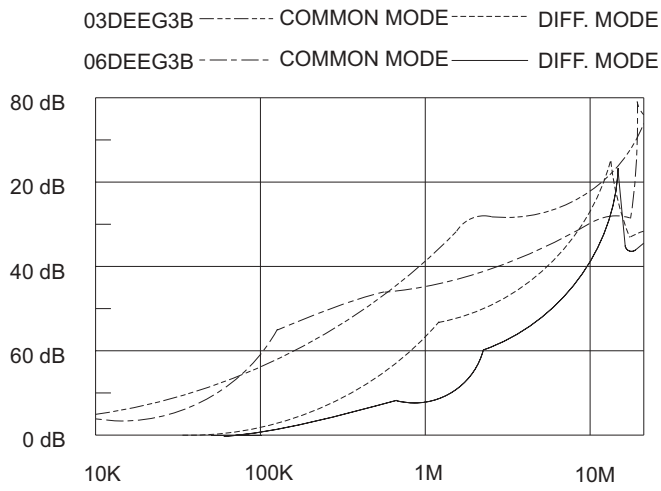
DEEG3HA ONLY
Lg: 0.032mH

MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM												
CURRENT	FREQUENCY-MHz						CURRENT	FREQUENCY-MHz					
RATING	.15	.50	1.0	5.0	10	30	RATING	.15	.50	1.0	5.0	10	30
1A(E)(S)	22	35	40	45	45	50	1A(R)	7	15	20	40	50	55
3A(E)(S)	18	28	32	45	45	50	3A(R)	5	10	18	35	45	50
6A(E)(S)	12	20	25	40	45	50	6A(R)	1	5	10	30	40	50
10A(S)	4	10	15	30	38	45	10A(R)	0	1	2	18	28	40
6A,3A(HA)	0	1	3	14	21	41	1A(L)	3	10	15	32	30	20
1A(B)	28	40	45	45	45	45	3A(L)	1	2	5	25	25	20
3A(B)	22	30	35	45	45	45	6A(L)	0	0	1	10	15	25
6A(B)	12	20	25	40	45	45							
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM													
CURRENT	FREQUENCY-MHz						CURRENT	FREQUENCY-MHz					
RATING	.15	.50	1.0	5.0	10	30	RATING	.15	.50	1.0	5.0	10	30
1A(E)(S)		2	6	40	42	40	A(R)	1	5	12	38	38	40
3A(E)(S)		2	3	35	40	40	3A(R)	1	5	10	35	35	40
6A(E)(S)		2	3	35	38	40	6A(R)	1	5	10	30	30	40
10A(S)		4	8	20	20	30	10A(R)	1	5	10	25	30	40
1A(B)	2	10	20	40	42	40	1A(L)	7	1	20	32	27	20
3A(B)	2	5	14	38	40	40	3A(L)	1	5	10	25	25	20
6A(B)	2	5	10	35	38	40	6A(L)	0	0	2	10	15	25

INSERTION LOSS (TYPICAL)

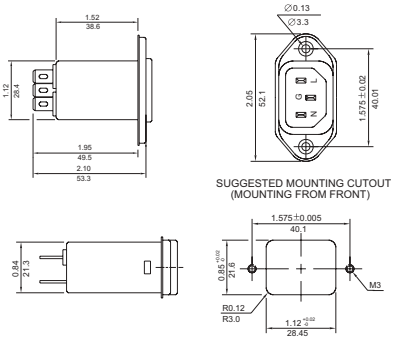




MECHANICAL CONSTRUCTION

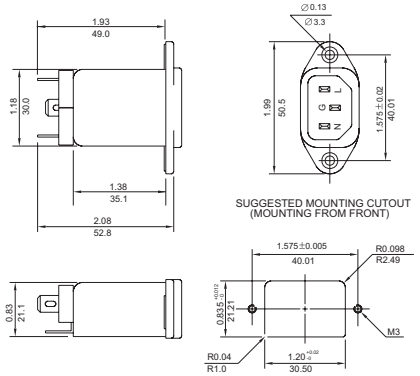


EG3E/EG3B/EG3R/EG3L
(Optional Solder Lug)



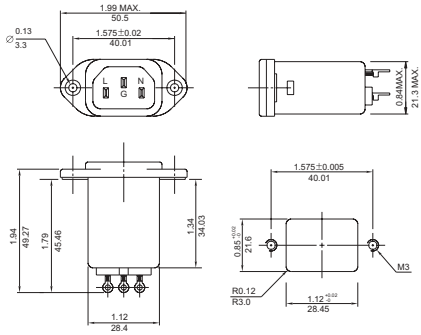


EG3HA



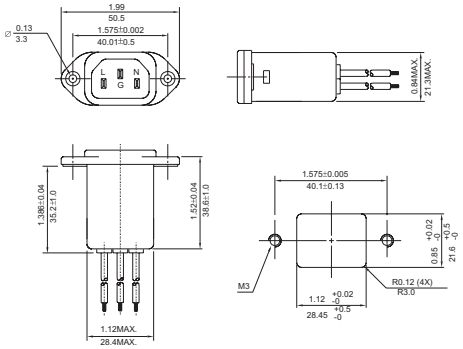


EG3S





W3BS



UNIT: INCH / mm

ALL WIRE LEADS 4.0" LONG MIN.

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