

# SERIES FUSE CONNECTOR FILTERS





### INTRODUCTIONS

- 1. Designed as a general purpose filter with a fuse holder providing effective EMI suppression for both common and differential
- 2. All part numbers are UL recognized, CSA certified and VDE approved.

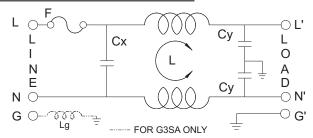
#### COMPONENTS

PART NO.	Cx (uF)	L (mH)	Cy (pF)	Lg (mH)
02BEEG3H	0.1	2.4		
04BEEG3H	0.1	2.8	3300	-
04BEEG3S	0.015			
04BEEG3SA	0.1	0.7	2200	0.4
06BEEG3H	0.1	1.3	3300	-

#### MINIMUM INSERTION LOSS IN dB

COMMON MODE (L-G) IN 50 OHM SYSTEM						
CURRENT	FREQUENCY-MHz					
RATING	.15	.50	1.0	5.0	10	30
2A	25	35	40	55	55	55
4A	26	30	40	50	55	45
4A(S)	26	30	40	50	55	45
6A	20	30	35	50	55	45
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM						
2A	6	15	25	40	45	45
4A	6	15	25	40	45	45
4A(S)	1	5	12	30	40	40
6A	6	15	20	40	45	45

### ELECTRICAL SCHEMATIC



#### MECHANICAL CONSTRUCTION



EG3H, EG3S

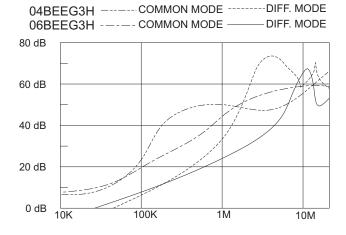
#### SPECIFICATIONS

- 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

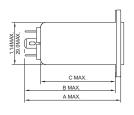
#### **SERIES DIMENSIONS**

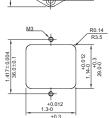
DELTA	CTV/LE	DIMENSIONS IN INCHES/mm					
PART NO.	STYLE	Α	В	С	D	Е	
02BEEG3H	EG3H						
04BEEG3H	EG3H	<u>2.56</u> 65.0	<u>2.42</u> 61.5	<u>2.00</u> 50.8	1.417	1.75	
06BEEG3H	EG3H				35.99	44.5	
04BEEG3S/A	EG3S	2.25	2.1	1.65			
		57.2	53.3	41.91			

#### INSERTION LOSS (TYPICAL)



Ø0.13(2X Ø3.3(2X)





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+0.3 SUGGESTED MOUNTING CUTOUT (MOUNTING FROM FRONT)

UNIT: INCH

4-5

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