

## INTRODUCTIONS

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

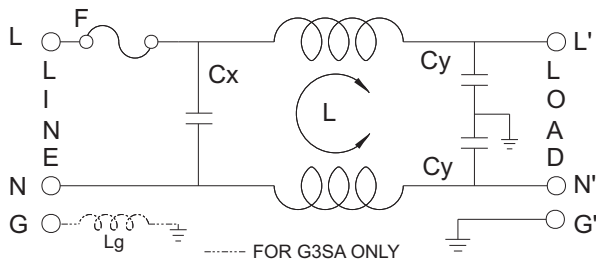
## COMPONENTS

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

## MINIMUM INSERTION LOSS IN dB

| COMMON MODE (L-G) IN 50 OHM SYSTEM       |               |     |     |     |    |    |
|------------------------------------------|---------------|-----|-----|-----|----|----|
| CURRENT RATING                           | FREQUENCY-MHz |     |     |     |    |    |
|                                          | .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

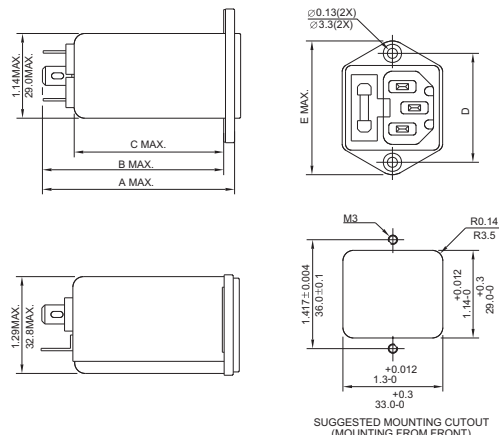
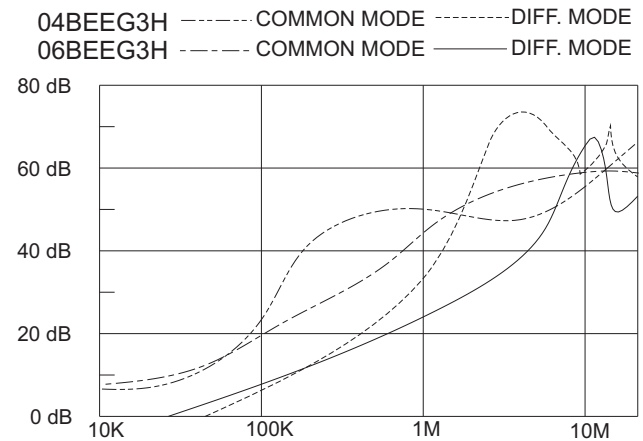
## SPECIFICATIONS

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 PART NO. | STYLE | DIMENSIONS IN INCHES/mm |              |               |                |              |
|----------------|-------|-------------------------|--------------|---------------|----------------|--------------|
|                |       | A                       | B            | C             | D              | E            |
| 02BEEG3H       | EG3H  |                         |              |               |                |              |
| 04BEEG3H       | EG3H  | 2.56<br>65.0            | 2.42<br>61.5 | 2.00<br>50.8  | 1.417<br>35.99 | 1.75<br>44.5 |
| 06BEEG3H       | EG3H  |                         |              |               |                |              |
| 04BEEG3S/A     | EG3S  | 2.25<br>57.2            | 2.1<br>53.3  | 1.65<br>41.91 |                |              |

## INSERTION LOSS (TYPICAL)



UNIT: INCH  
mm