



BESERIES

SWITCH CONNECTOR FILTERS



INTRODUCTIONS

1. Designed as a general purpose filter with a switch effective EMI suppression for both common and differential mode noise.
2. With optional resistor and 3300pF/1000pF

COMPONENTS

PART NO.	Cx (uF)	L (mH)	Cy (pF)	R (MΩ)	Lg (mH)
03BEEG3G/NG3G	0.1	2.4	2200	1.0	-
03BEEG3GM/NG3GM			-		-
03BEEG3GA/NG3GA			2200		0.12
06BEEG3G/NG3G		0.8	2200		-
06BEEG3GM/NG3GM			-		-
06BEEG3GA/NG3GA			2200		0.12
10BEEG3G/NG3G		0.3	2200		-
10BEEG3GM/NG3GM			-		-
10BEEG3GA/NG3GA			2200		0.12

A: with ground choke
M: medical type

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
3A (G) (A)	20	30	35	35	35	35
3A (M)	20	30	35	20	15	5
6A (G) (A)	10	20	25	35	40	35
6A (M)	10	20	20	20	15	10
10A (G) (A)	5	10	20	30	35	35
10A (M)	5	10	10	15	15	10
DIFFERENTIAL MODE (L-L) IN 50 OHM SYSTEM						
3A (G) (A)	4	10	20	35	35	40
3A (M)	5	15	20	30	30	20
6A (G) (A)	4	10	10	35	35	40
6A (M)	4	10	15	25	25	20
10A (G) (A)	5	10	20	30	35	35
10A (M)	4	10	10	20	20	20

MECHANICAL CONSTRUCTION



BENG3G

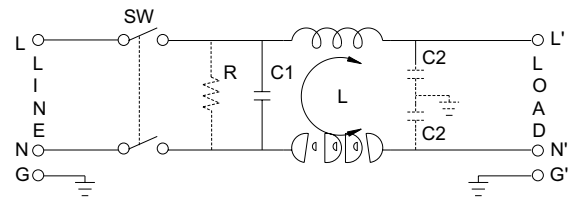


BEEG3G

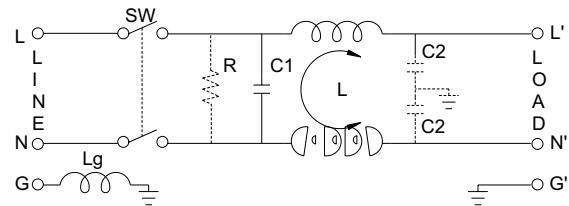
SPECIFICATIONS

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

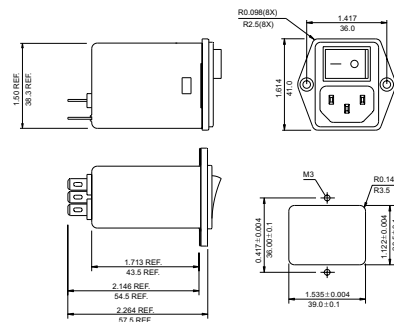
ELECTRICAL SCHEMATIC



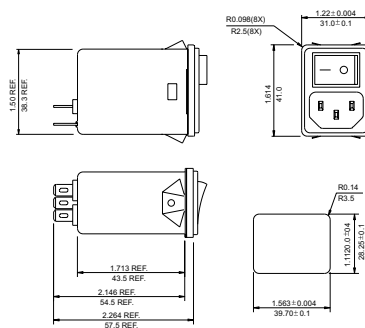
R: OPTION



3GA ONLY



BEEG3G



BENG3G

SUGGESTED MOUNTING CUTOUT
(MOUNTING FROM FRONT)

SUGGESTED MOUNTING CUTOUT
(MOUNTING FROM FRONT)
Suggested thickness of mounting panel is from 0.04(1.0) to 0.63(1.6) inch(mm) of mounting cutout

UNIT: INCH
mm