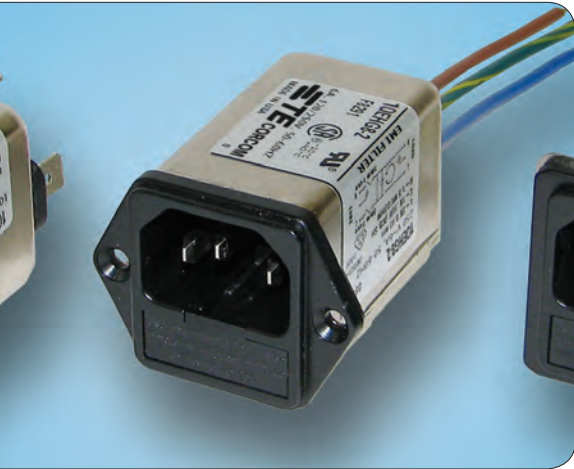


## Introducing Corcom GG Series 10A & Wire Leaded Options

The Corcom GG Series of power entry modules series has been expanded to include a 10A current rating for all versions and a 5" wire lead option for the HG medical versions. The GG series of power entry modules combine the functions of a general purpose RFI filter with an IEC power cord connector and single or dual metric fusing. The HG models are designed for medical applications with reduced line-to-ground capacitance to meet patient care equipment requirements.



**KEY FEATURES**

- Filtered medical and general purpose power entry modules
- 5" wire leads now available for filtered medical models
- up to 10A max ratings now available for all models
- Compact size
- Single or dual metric fuse
- Rated to 250 VAC
- UL Recognized, CSA Certified and VDE Approved
- RoHS Compliant

**APPLICATIONS**

- Communication Equipment
- Instrumentation
- Medical Equipment
- Computers
- Consumer Electronics
- Portable Electronic Devices
- Light Industrial
- Vending
- Exercise Equipment

**STANDARDS AND SPECIFICATIONS**

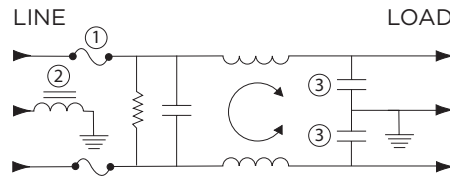
- UL Recognized
- CSA Certified
- VDE Approved



**ELECTRICAL SPECIFICATIONS**

		HG Models	GG Models
Maximum leakage current each Line to Ground:	@120 VAC 60 Hz:	2 µA	.25 mA
	@ 250 VAC 50 Hz:	5 µA	.42 mA
Hipot rating (one minute):	Line to Ground:	2250 VDC	
	Line to Line:	1450 VDC	
Rated Voltage (max.):		250 VAC	
Operating Frequency:		50/60 Hz	
Rated Current:		1 to 10A	
Required Fuse(s):		5 x 20 mm (not included)	

**ELECTRICAL SCHEMATICS**



Note 1: Second fuse only in -2 version  
 Note 2: C versions only  
 Note 3: not present in HG versions

**PRODUCT OFFERING**

Snap-in		Flange mount		Flange mount with wire leads	
1609117-7:	10EGS1-1	3-1609115-4:	10EGG1-1	3-1609115-5:	10EGG8-1
1609117-8:	10EGS1-2	3-1609115-3:	10EGG1-2	3-1609115-6:	10EGG8-2
1609116-6:	10EHGS1-2	6609116-4:	10EHG1-2	6609116-5:	10EHG8-2
				1-1609117-4:	1EHG8-2
				1-1609117-5:	3EHG8-2
				1-1609117-6:	6EHG8-2

**ORDERING INFORMATION**

**10 E GG 1 C-2**

- Metric Fuse Holders**  
1 - Single  
2 - Double
- Ground Circuit Inductor**  
Omit if none
- Output Styles**  
1 - .250 [6.3] spade terminals  
8 - Wire leads
- Filter Type & Mounting**  
GG - General purpose filter, flange mount  
HG - Medical filter, flange mount  
GS - General purpose filter, snap-in mount  
HGS - Medical filter, snap-in mount
- Leakage current desination**  
E - Low leakage (<0.5 mA)
- Current Rating**  
1, 3, 6 or 10A

**PERFORMANCE DATA**

Minimum Insertion Loss - Measured in closed 50 Ohm system

**Common Mode / Asymmetrical (Line to Ground)**

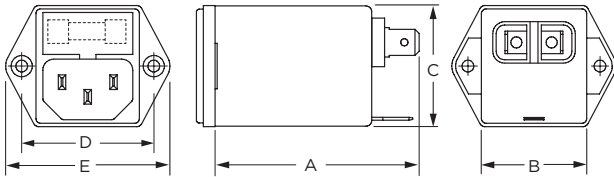
Part No.	Frequency – MHz								
	.01	.05	.10	.15	.5	1	5	10	30
10A GG& GS	-	1	2	4	6	8	26	33	28
10A HG	1	-	-	3	5	6	8	9	10

**Differential Mode / Asymmetrical (Line to Line)**

Part No.	Frequency – MHz							
	.10	.15	.5	1	3	5	10	30
10A GG& GS	4	7	17	23	-	22	43	38
10A HG	-	8	16	22	-	37	43	28

**CASE STYLES**

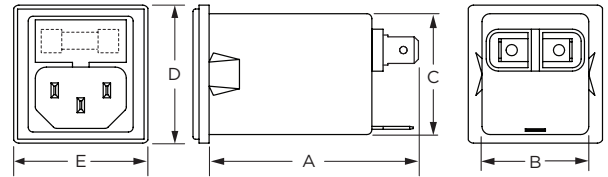
**GG1, GG1C & HG1**



Typical Dimensions:

- Mounting Holes (2): .132 [3.35] Dia. with .236 [5.99] Dia. x 90° countersink for #4 flathead screw
- Line Inlet (1): IEC 60320-1 C14
- Load terminals (2): .250 [6.3] with .07 [1.8] Dia. hole
- Ground terminal (1): .250 [6.3] with .07 x .16 [1.8x 3.8] slot

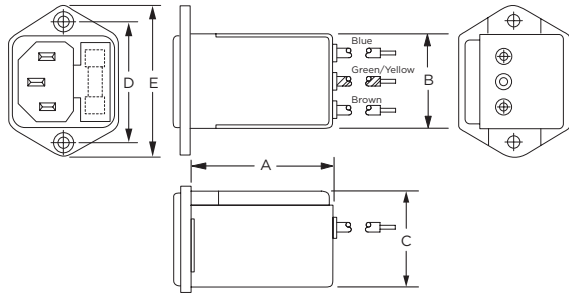
**GS1 & HGS1**



Typical Dimensions:

- Line Inlet (1): IEC 60320-1 C14
- Load terminals (2): .250 [6.3] with .07 [1.8] Dia. hole
- Ground terminal (1): .250 [6.3] with .07 x .16 [1.8x 3.8] slot

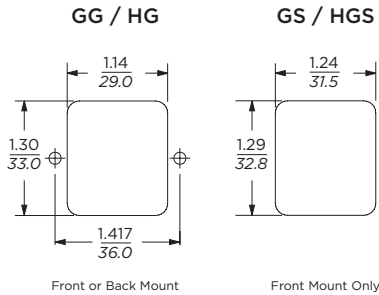
**GG8 & HG8**



Typical Dimensions:

- Mounting Holes (2): .132 [3.35] Dia. with .236 [5.99] Dia. x 90° countersink for #4 flathead screw
- Line Inlet (1): IEC 60320-1 C14
- Wire Leads: 4.0 [101.6] Min., 18AWG, UL1015

**Recommended Panel Cutout**



Typical Dimensions

- GS / HGS panel thickness: 0.032 - 0.080 [0.81 - 2.03]
- Corner radius: 0.138 [0.35]

**CASE DIMENSIONS**

Part No.	A (max)	B (max)	C (max)	D ±0.015 ±0.38	F (max)
GG1, HG1	2.13	1.13	1.29	1.417	1.76
	54.5	28.7	32.8	36.0	44.7
GG1C	2.45	1.13	1.28	1.417	1.76
	62.23	28.7	32.5	36.0	44.7
GS1, HGS1	2.13	1.13	1.28	1.46*	1.42
	54.0	28.7	32.5	36.0*	36.1
GG8, HG8	2.02	1.13	1.29	1.417	1.76
	51.1	28.7	32.85	36.0	44.7

\* max. dimension

## FOR MORE INFORMATION

corcom.com

### TE Technical Support Center

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Mexico: +52 (0) 55-1106-0800  
Latin/S. America: +54 (0) 11-4733-2200  
Germany: +49 (0) 6251-133-1999  
UK: +44 (0) 800-267666  
France: +33 (0) 1-3420-8686  
Netherlands: +31 (0) 73-6246-999  
China: +86 (0) 400-820-6015

Part numbers in this brochure are RoHS Compliant\*, unless marked otherwise.

\*as defined [www.te.com/leadfree](http://www.te.com/leadfree)

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4-1773454-7 CIS JG 06/2011

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