

Commercial Model	Medical Model	Output No.	Output	Output Minimum	Output Maximum	Output Peak	Noise P-P	Total Regulation	Notes
GPC40A	GPM40A	1	+5.1 V	0.4 A	4 A	5 A	50 mV	2%	
		2	+12 V	0 A	2 A	3 A	120 mV	5%	B,C
		3	-12 V	0 A	0.4 A	0.7 A	120 mV	3%	C
GPC40B	GPM40B	1	+5.1 V	0.4 A	4 A	5 A	50 mV	2%	
		2	+15 V	0 A	2 A	3 A	150 mV	5%	B,C
		3	-15 V	0 A	0.4 A	0.7 A	150 mV	3%	C
GPC40D	GPM40D	1	+5.1 V	0.4 A	4 A	5 A	50 mV	2%	
		2	+24 V	0 A	1 A	1.5 A	240 mV	5%	B,C
		3	-12 V	0 A	0.4 A	0.7 A	120 mV	3%	C
GPC40-3.3	GPM40-3.3	1	3.3 V	0	8 A	10 A	35 mV	2%	
GPC40-5	GPM40-5	1	5 V	0	8 A	10 A	50 mV	2%	
GPC40-9	GPM40-9	1	9 V	0 A	4.5 A	6 A	90mV	2%	
GPC40-12	GPM40-12	1	12 V	0 A	3.3 A	4.2 A	120 mV	2%	
GPC40-15	GPM40-15	1	15 V	0 A	2.7 A	3.3 A	150 mV	2%	
GPC40-24	GPM40-24	1	24 V	0 A	1.7 A	2.1 A	240 mV	2%	
GPC40-28	GPM40-28	1	28 V	0 A	1.4 A	1.8 A	280 mV	2%	

Note: For 48 volt model, GPC40-48 or GPM40-48, contact factory for availability.

A. Total regulation is defined as the maximum deviation from the nominal voltage for all steady-state conditions of initial voltage setting, input line voltage and output load.

B. To maintain these regulation conditions, the 5.1V current must be at least 1/4 of V2 and not greater than 5 times the V2 current.

C. Requires +5.1V to be adjusted within $\pm 1\%$ with at least a 0.4A load to maintain regulation on this output.

D. Add "G" suffix to model number for RoHS compliant model.

GPC40/GPM40 MECHANICAL SPECIFICATIONS

J1 CONNECTOR: AMP P/N 640445-3, W/CENTERPIN REMOVED
0.156 [3.96mm] CTR HEADER

J2 CONNECTOR: AMP P/N 640445-6
0.156 [3.96mm] CTR HEADER

GND 0.250 FASTONTAB

INPUT J1

PIN 1) AC LINE

PIN 3) AC NEUTRAL

⊕ GND

OUTPUT:

J2	MULTIPLE OUTPUT MODELS	SINGLE OUTPUT MODELS
PIN 1)	OUTPUT #2	OUTPUT #1
PIN 2)	OUTPUT #1	OUTPUT #1
PIN 3)	OUTPUT #1	OUTPUT #1
PIN 4)	COMMON	COMMON
PIN 5)	COMMON	COMMON
PIN 6)	OUTPUT #3	COMMON

J3 REMOTE SENSE (SINGLE OUTPUT MODELS ONLY)

AMP P/N 640456-2 0.100 [2.54mm] CTR HEADER

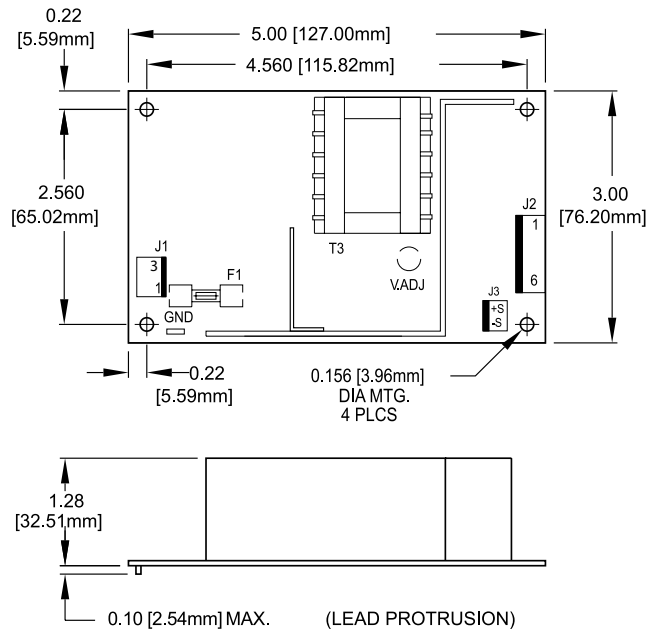
MATING CONNECTORS AMP P/N

HOUSING	CONTACT
INPUT 640250-3	770476-1
OUTPUT 640250-6	770476-1

NOTE: 5A MAXIMUM RECOMMENDED CURRENT PER CONNECTOR PIN

WEIGHT: 1.0 LBS MAX. [0.45 kg MAX.] TOLERANCES: X.XX=0.030
X.XXX=0.010 [0.25mm]

OPTION: ENCLOSURE (P/N 08-30466-1040)



ENVIRONMENTAL SPECIFICATIONS	OPERATING	NON-OPERATING
Temperature (A)	See individual specs.	-40 to +85°C
Humidity (A)	0 to 95% RH	0 to 95% RH
Shock (B)	20 g _{pk}	40 g _{pk}
Altitude	-500 to 10,000 ft	-500 to 40,000 ft
Vibration (C)	1.5 g _{rms} 0.003 g ² /Hz	5 g _{rms} 0.026 g ² /Hz

A. Units should be allowed to warm up/operate under non-condensing conditions before application of power.

B. Shock testing—half-sinusoidal, 10 $\pm$ 3 ms duration, $\pm$ direction, 3 orthogonal axes, total 6 shocks.

C. Random vibration—10 to 2000Hz, 6dB/octave roll-off from 350 to 2000Hz, 3 orthogonal axes. Tested for 10 min./axis operating and 1 hr./axis non-operating.

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