



P1 - Console
FCI 98464-F61-12ULF

- Pin 1 RS485 A1
- Pin 2 RS485 B1
- Pin 3 RS485 A2
- Pin 4 RS485 B2
- Pin 5 GND
- Pin 6 PWR (5VDC - 30VDC)
- Pin 7 RS485 PPS A1
- Pin 8 RS485 PPS B1
- Pin 9 PPS RX TTL
- Pin 10 GND
- Pin 11 PWR SW +
- Pin 12 PWR SW -

P2 - Serial I/O
FCI 98464-F61-08ULF

- Pin 1 RS232 RX1
- Pin 2 RS232 TX1
- Pin 3 GND
- Pin 4 RS232 RX2
- Pin 5 RS232 TX2
- Pin 6 GND
- Pin 7 PPS RX TTL
- Pin 8 GND

P3 - Transducer

Molex xxxx

- Pin 1 Signal +
- Pin 2 nc
- Pin 3 Shield
- Pin 4 Signal -

P4 - GPIO

Molex 87833-1420

- Pin 1 LOW BATT
- Pin 2 GND
- Pin 3 GS GPIO
- Pin 4 GND
- Pin 5 MM GPIO
- Pin 6 GND
- Pin 7 /TX VOL UP
- Pin 8 /TX VOL DN
- Pin 9 GND
- Pin 10 AUX TX SIG IN
- Pin 11 GND
- Pin 12 TX VOL FEED V
- Pin 13 TX PEAK
- Pin 14 GND

P5 - Power I/O

FCI 98464-F61-10ULF

- Pin 1 VBATT
- Pin 2 GND
- Pin 3 VSW GS
- Pin 4 GND
- Pin 5 VSW MM
- Pin 6 GND
- Pin 7 9V
- Pin 8 GND
- Pin 9 9V
- Pin 10 GND

Unless Otherwise Noted:

1. Tolerances: Decimal	Angular
.XX ± 0.01	± 1 Deg
.XXX ± 0.005	
2. Dimensions are in Inches	
3. Break All Sharp Edges	
4. Surface Finishes Critical for O-Ring Surfaces	
5. Material:	
6. Finish:	

Designer:	Keenan Ball	6/2/2010
Engineer:	Keenan Ball	6/2/2010

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Drawing Title:
Micromodem Power Amplifier, Linear

Size:	Cage Code:	Drawing Number:	Rev:
B	88846	202007-ASM	B

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