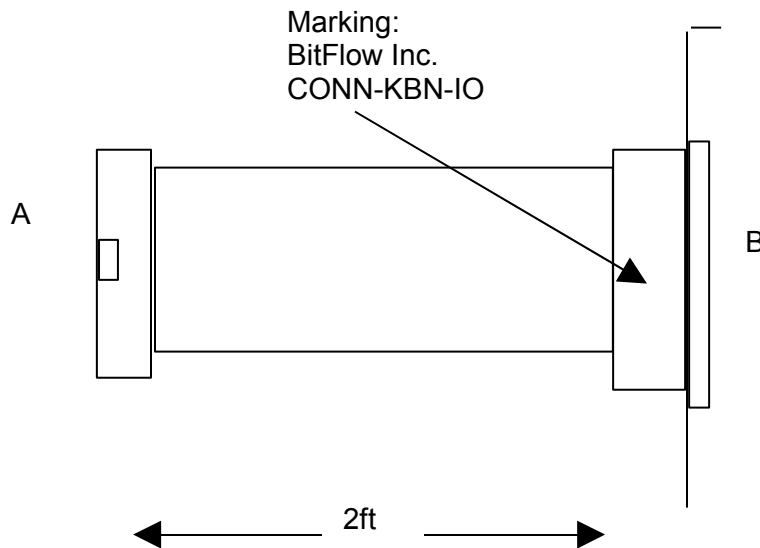


## CONN-KBN-IO

Rev. A, June 1, 2007



Connector A is a 60 pin mass termination connector with a single center key. The cable at connector A is on the same side like the polarizing key. There is no strain relief on A.

Connector B is a female three row, 62-pin Dsub. It is mounted to the bracket with hex screws. Suggested part for connector B is AMP 748568-1.

The PC bracket is GOMPF 9047-0044. On connector B put a sticker with the marking:

**BitFlow, Inc.**  
**CONN-KBN-IO**

Wiring between connectors A and B is one-to-one: pin 1 of A connects to pin 1 of B, etc. At B split the flat cable as needed.

## **Functions on the Karbon IO connector**

1 TRIGINA+  
2 TRIGINA-  
3 TRIGINAT  
4 TRIGINAIG  
5 TRIGINAIS  
6 GND  
7 ENCDRA+  
8 ENCDRA-  
9 ENCDRAT  
10 ENCDRAIG  
11 ENCDRAIS  
12 GND  
13 GPIN0T  
14 GPIN1T  
15 GPIN2+  
16 GPIN2-  
17 GPIN3+  
18 GPIN3-  
19 GPIN4+  
20 GPIN4-  
21 GND  
22 GPOUT0+  
23 GPOUT0-  
24 GPOUT1+  
25 GPOUT1-  
26 GPOUT2+  
27 GPOUT2-  
28 GPOUT3T  
29 GND  
30 GPOUT4T  
31 GPOUT5S  
32 GPOUT5V  
33 GPOUT6S  
34 GPOUT6V  
35 GND  
36 GND  
37 SOUT-RS232  
38 GND  
39 SIN-RS232  
40 GND

41 AUX1\_TRIGINA+  
42 AUX1\_TRIGINA-  
43 AUX1\_TRIGINAT  
44 AUX1\_ENCDRA+  
45 AUX1\_ENCDRA-  
46 AUX1\_ENCDRAT  
47 AUX2\_TRIGINA+  
48 AUX2\_TRIGINA-  
49 AUX2\_TRIGINAT  
50 AUX2\_ENCDRA+  
51 AUX2\_ENCDRA-  
52 AUX2\_ENCDRAT  
53 AUX3\_TRIGINA+  
54 AUX3\_TRIGINA-  
55 AUX3\_TRIGINAT  
56 AUX3\_ENCDRA+  
57 AUX3\_ENCDRA-  
58 AUX3\_ENCDRAT  
59 X\_GP\_IN\_T  
60 X\_GP\_OUT\_T