

KRS Servo Controller  
Standard Density DB25 Plug  
Male Pins

Connect shield pin 1  
at this end only

X1-1  
X1-2  
X1-3  
X1-4  
X1-5  
X1-6  
X1-7  
X1-8  
X1-9  
X1-10  
X1-11  
X1-12  
X1-13  
X1-14  
X1-15  
X1-16  
X1-17  
X1-18  
X1-19  
X1-20  
X1-21  
X1-22  
X1-23  
X1-24  
X1-25

PULSE+  
DIRECTION+  
DIRECTION-  
SERVO\_ON  
POSITIVE\_LIMIT  
+24V  
GND  
READY  
IN\_POSITION  
PULSE-  
ENCODER\_Z+  
ENCODER\_Z-  
ENCODER\_B-  
ENCODER\_B+  
ENCODER\_A-  
ENCODER\_A+  
NEGATIVE\_LIMIT  
ALARM

Twisted pairs

Twisted pairs

DB26HD-R

X2-1  
X2-2  
X2-3  
X2-4  
X2-5  
X2-6  
X2-7  
X2-8  
X2-9  
X2-10  
X2-11  
X2-12  
X2-13  
X2-14  
X2-15  
X2-16  
X2-17  
X2-18  
X2-19  
X2-20  
X2-21  
X2-22  
X2-23  
X2-24  
X2-25

KRS MESA IO Interface  
Standard Density DB25 Receptacle  
Female Pins

Positive Limit Switch

X3-1  
X3-2

NEGATIVE\_LIMIT  
GND

Negative Limit Switch

X4-1  
X4-2

POSITIVE\_LIMIT  
GND

Home Switch

BN  
BK  
BU

X5-1  
X5-2  
X5-3

+24V  
HOME  
GND

+24V Power Supply

X6-1  
X6-2

+24V  
GND

## KRS Servo Harness

TITLE: Harness\_KRS\_Servo

Document Number:

REV:  
A

Date: 12/08/2015 10:11:23 PM

Sheet: 1/1