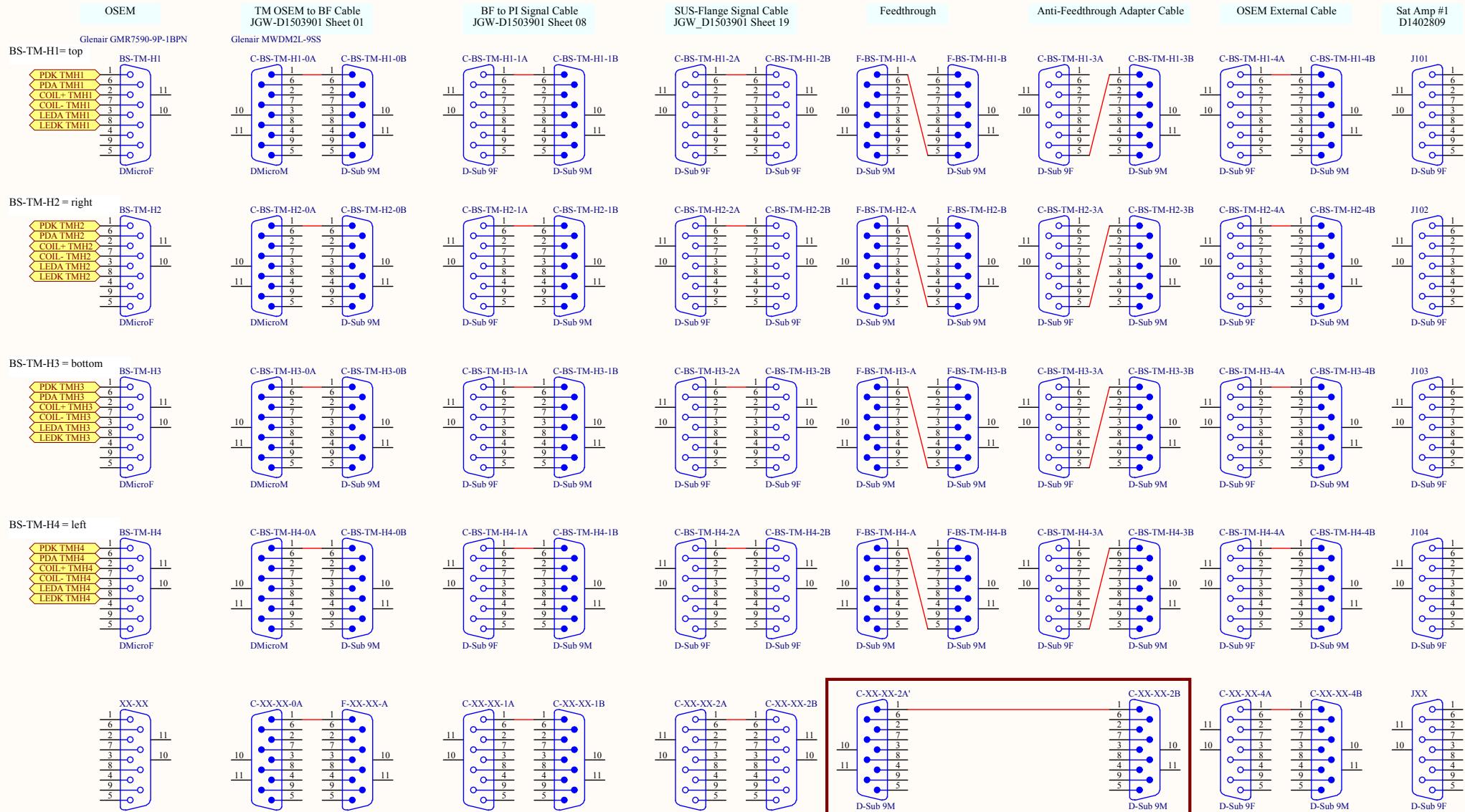


4 Feedthroughs

TM OSEM



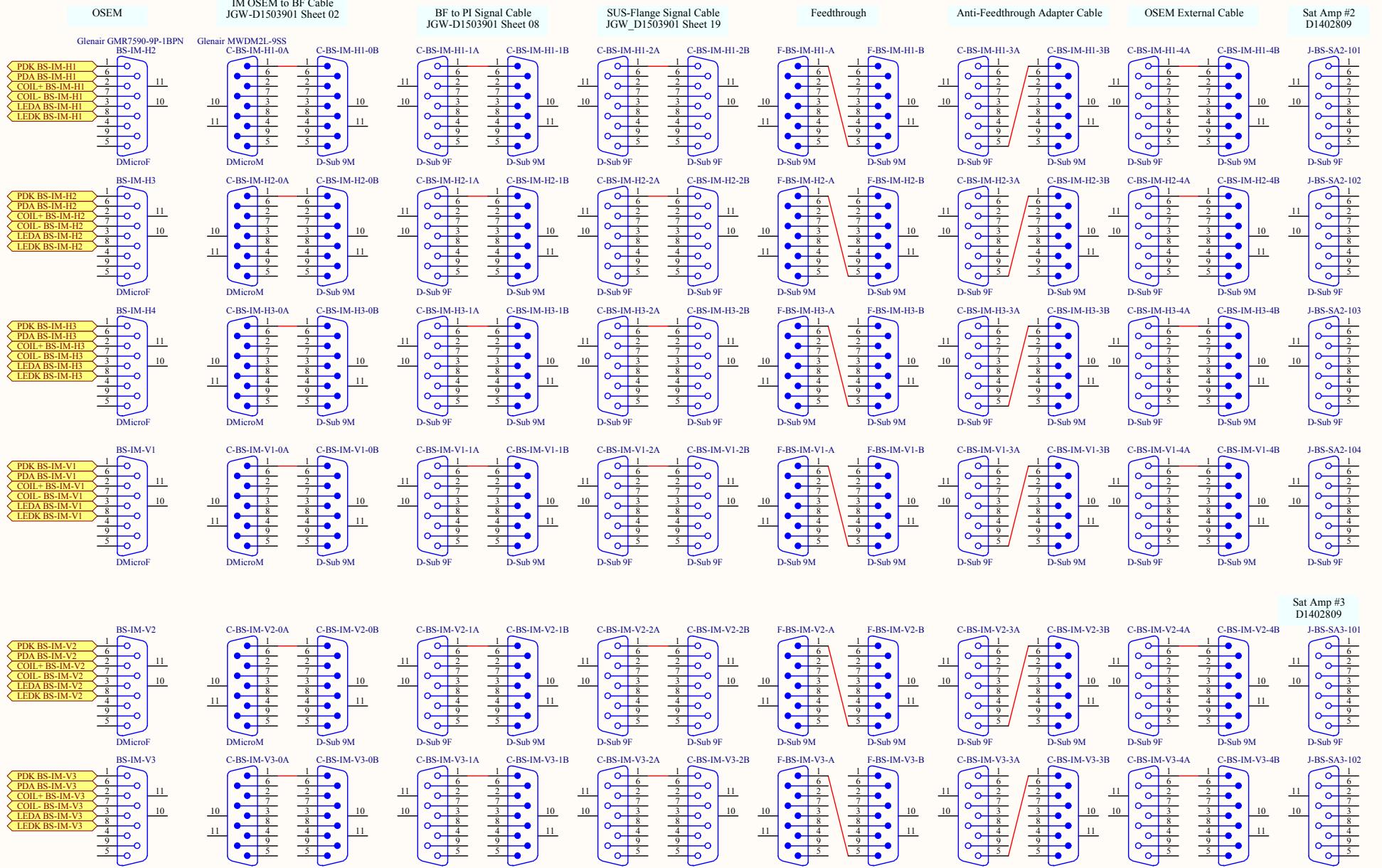
no pin flip, M <=> M,
for use without feedthrough

For testing the suspension outside the vacuum tank,
there should be a supply of plain M-M gender changers
to replace the combination of Feedthrough+Anti-Feedthrough adapter cable.

Title		
	BS Suspension Cabling - Test Mass OSEMs	
Size	Number	Revision
A3	JGW-D1503600	v6
Date:	2015/08/08	Sheet 1 of 8
File:	Z:\Work\ATM OSEMs.SchDoc	Drawn By:

6 Feedthroughs

IM OSEMs

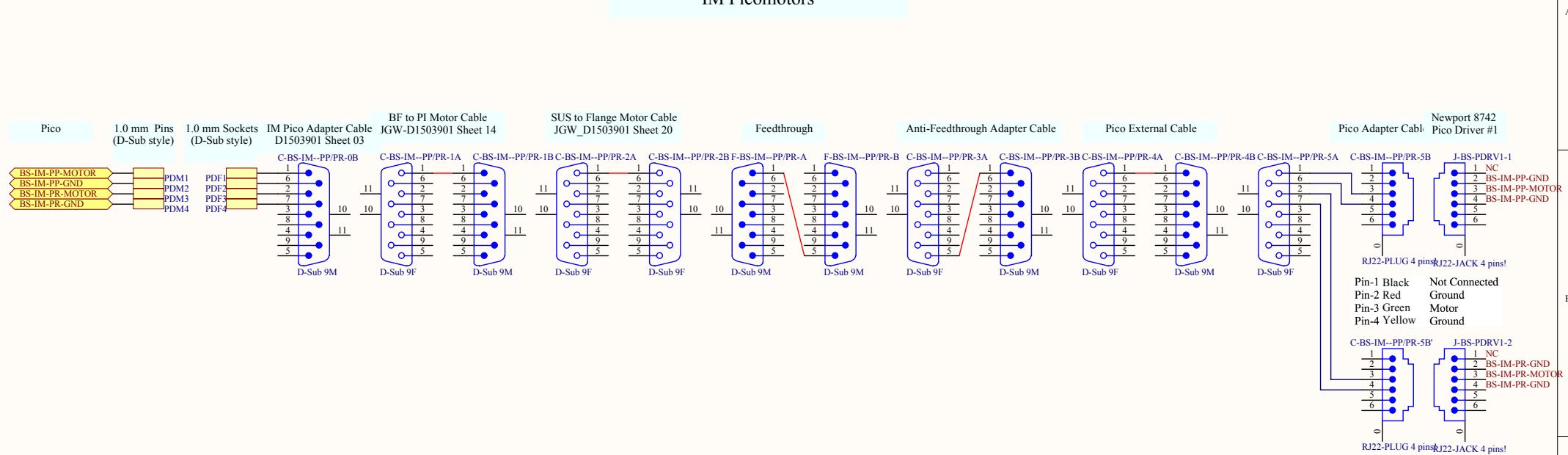


J-BS-SA3-103 and J-BS-SA3-104 not used

Title BS Suspension Cabling - Intermediate Mass OSEMs		
Size A3	Number JGW-D1503600	Revision -v6
Date: 2015/08/08	Sheet 2 of 8	
File: Z:\Work\...\IM OSEMs.SchDoc	Drawn By:	

1 Feedthrough

IM Picomotors



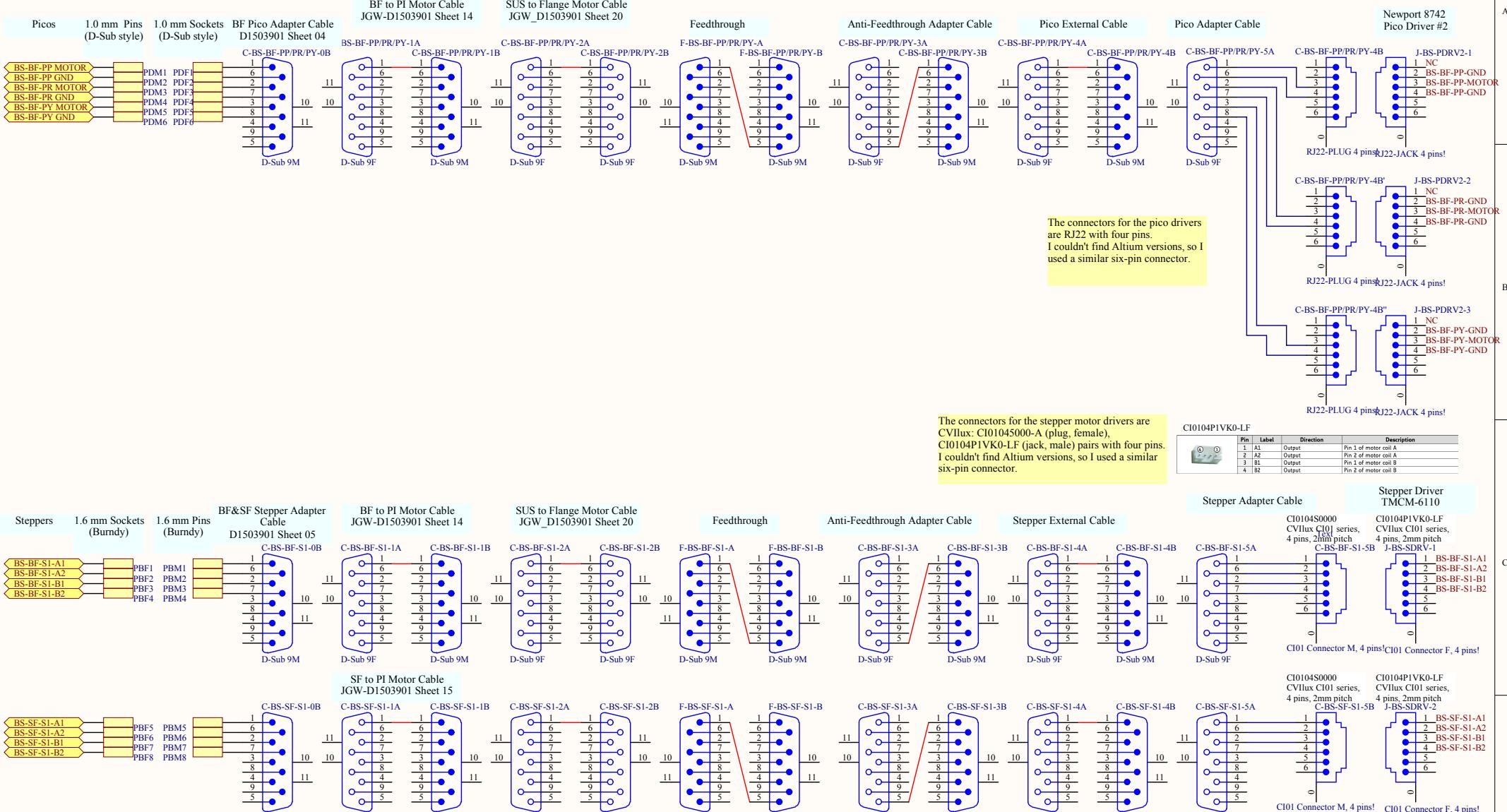
Title BS Suspension Cabling - Intermediate Mass Picos		
Size A3	Number JGW-D1503600	Revision -v6
Date: 2015/08/08	Sheet 3 of 8	
File: Z:\Work\IM Picos.SchDoc		Drawn By:

BF and SF Picos and Steppers

3 Feedthroughs

Pin-1 Black	Not Connected
Pin-2 Red	Ground
Pin-3 Green	Motor
Pin-4 Yellow	Ground

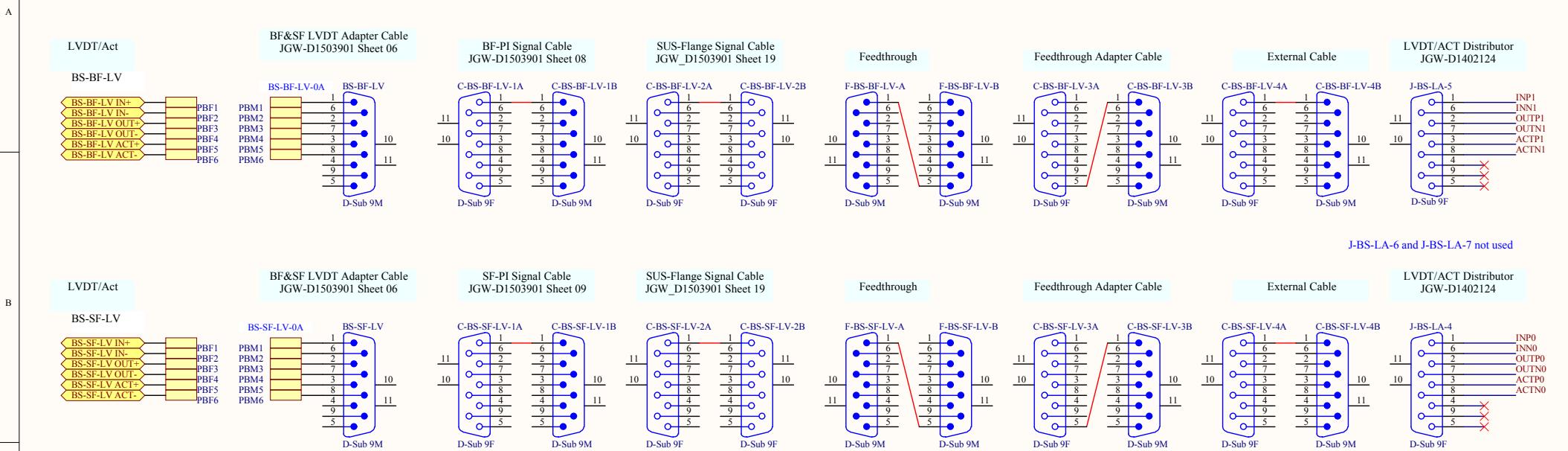
Newport 8742
Pico Driver #2



Title: BS Suspension Cabling - Bottom and Standard Filter Picos/Steppers		
Size: A3	Number: JGW-D1503600	Revision: -v6
Date: 2015/08/08	Sheet: 4 of 8	
File: Z:\Work\BF&SF Picos&Steppers.SchD	Drawn By:	

BF and SF LVDT/ACTs

2 Feedthroughs

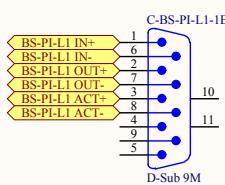


Title BS Suspension Cabling - Bottom and Standard Filter LVDTs		
Size A3	Number JGW-D1503600	Revision -v6
Date: 2015/08/08	Sheet 5 of 8	
File: Z:\Work\BF&SF LVDTs.SchDoc	Drawn By:	

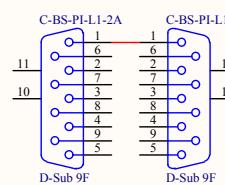
4 Feedthroughs

Preis isolator LVDT/ACTs

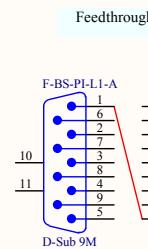
LVDT/ACT



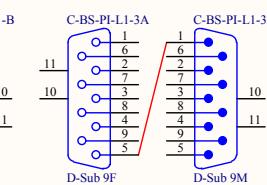
OPTIONAL
Signal Cable Extension
JGW_D1503901 Sheet 10

TR-Flange Signal Cable
JGW_D1503901 Sheet 19

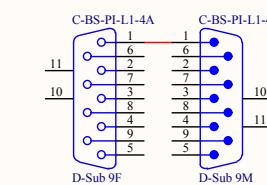
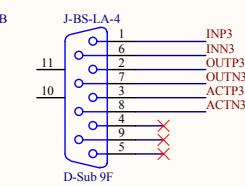
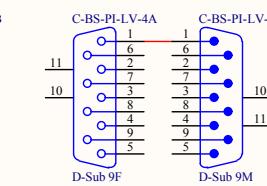
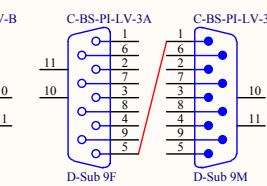
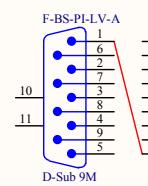
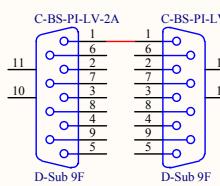
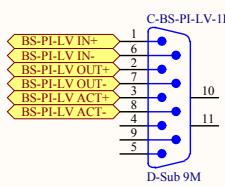
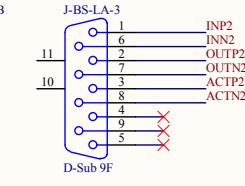
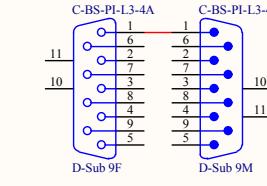
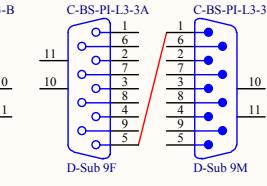
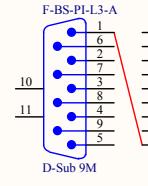
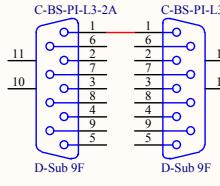
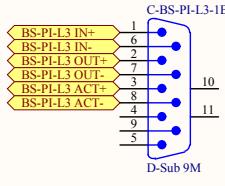
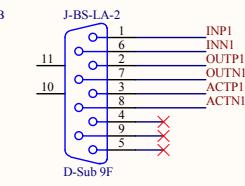
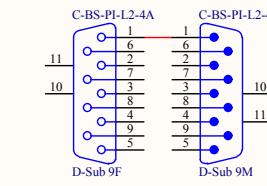
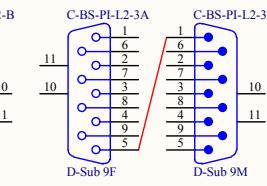
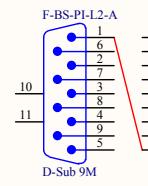
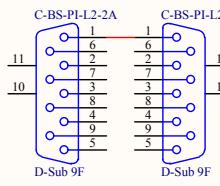
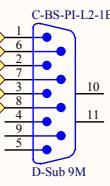
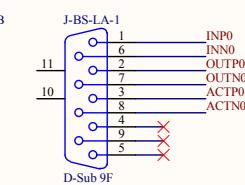
Feedthrough



Anti-Feedthrough Adapter Cable



LVDT/ACT External Cable

LVDT/ACT Distributor
JGW D1402124

LVDT-COIL

Pin	Function
1	LVDT IN P
2	LVDT OUT P
3	COIL P
4	
5	
6	LVDT IN N
7	LVDT OUT N
8	COIL N
9	

Title BS Suspension Cabling - Preis isolator LVDT/Actuators

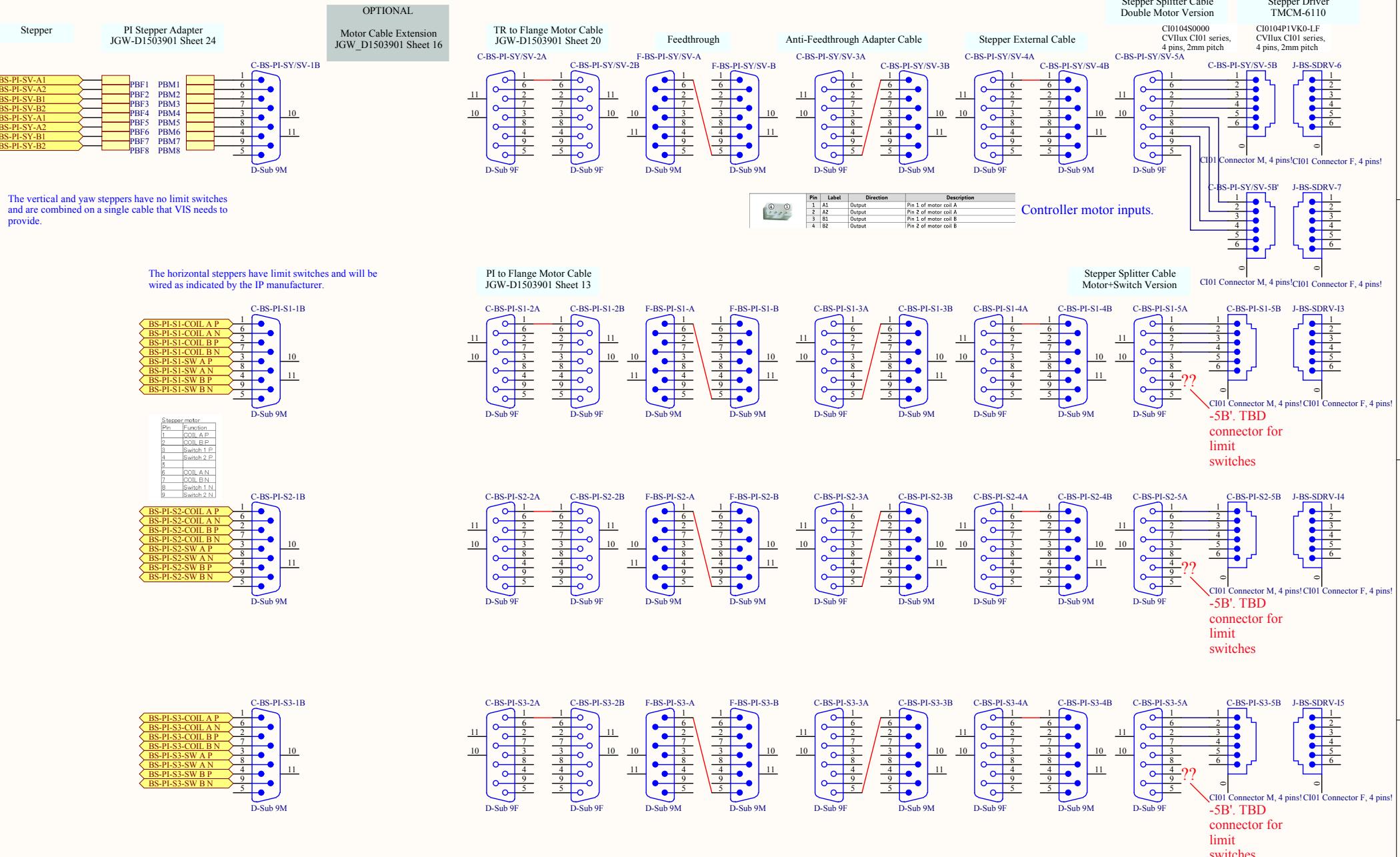
Size A3 Number JGW-D1503600 Revision -v6

Date: 2015/08/08 Sheet 6 of 8

File: Z:\Work\...\PI LVDTs.SchDoc Drawn By:

4 Feedthroughs

Preis isolator Steppers/Pico



Title BS Suspension Cabling - Preis isolator Steppers and Picomotor

Size A3	Number JGW-D1503600	Revision -v6
Date: 2015/08/08	Sheet 7 of 8	
File: Z:\Work\...\PI Picos&Steppers.SchDoc	Drawn By:	

3 Feedthroughs

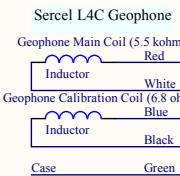
Preislator Geophones

A

A

Geophone Pod Internal Cabling
(same for all three pods):

Pod #1: geophone L400002322, preamp 15
Pod #2: geophone L400002321, preamp 12
Pod #3: geophone L400002323, preamp 14

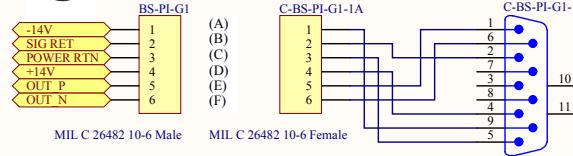


B

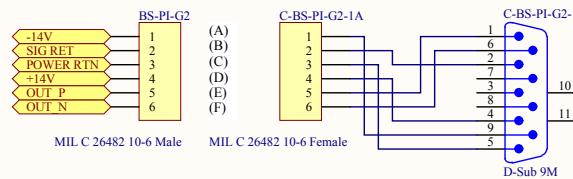
B



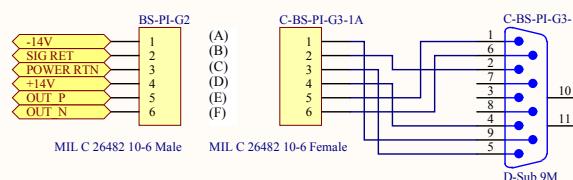
Geophone Pod



Geophone Adapter Cable
JGW-D1503901 Sheet 07

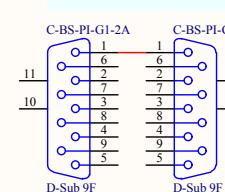


Geophone Adapter Cable
JGW-D1503901 Sheet 07

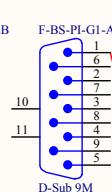


Geophone Adapter Cable
JGW-D1503901 Sheet 07

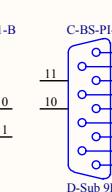
PI to Flange Geophone Cable
JGW-E1503901 Sheet 12



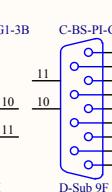
Feedthrough



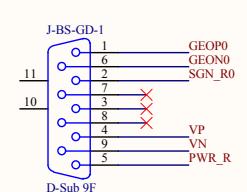
Anti-Feedthrough Adapter Cable



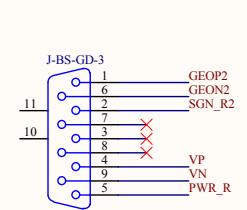
Geophone External Cable



Geophone Distributor
JGW-D1402120



J-BS-GD-2

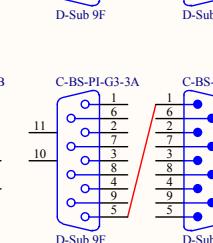
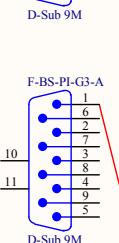
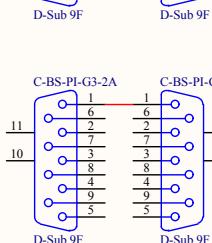


J-BS-GD-3

J-BS-GD-4 not used

C

C



Title
BS Suspension Cabling - Preislator Geophones

Size A3	Number JGW-D1503600	Revision -v6
Date: 2015/08/08	Sheet 8 of 8	
File: Z:\Work\...\PI Geophones.SchDoc	Drawn By:	