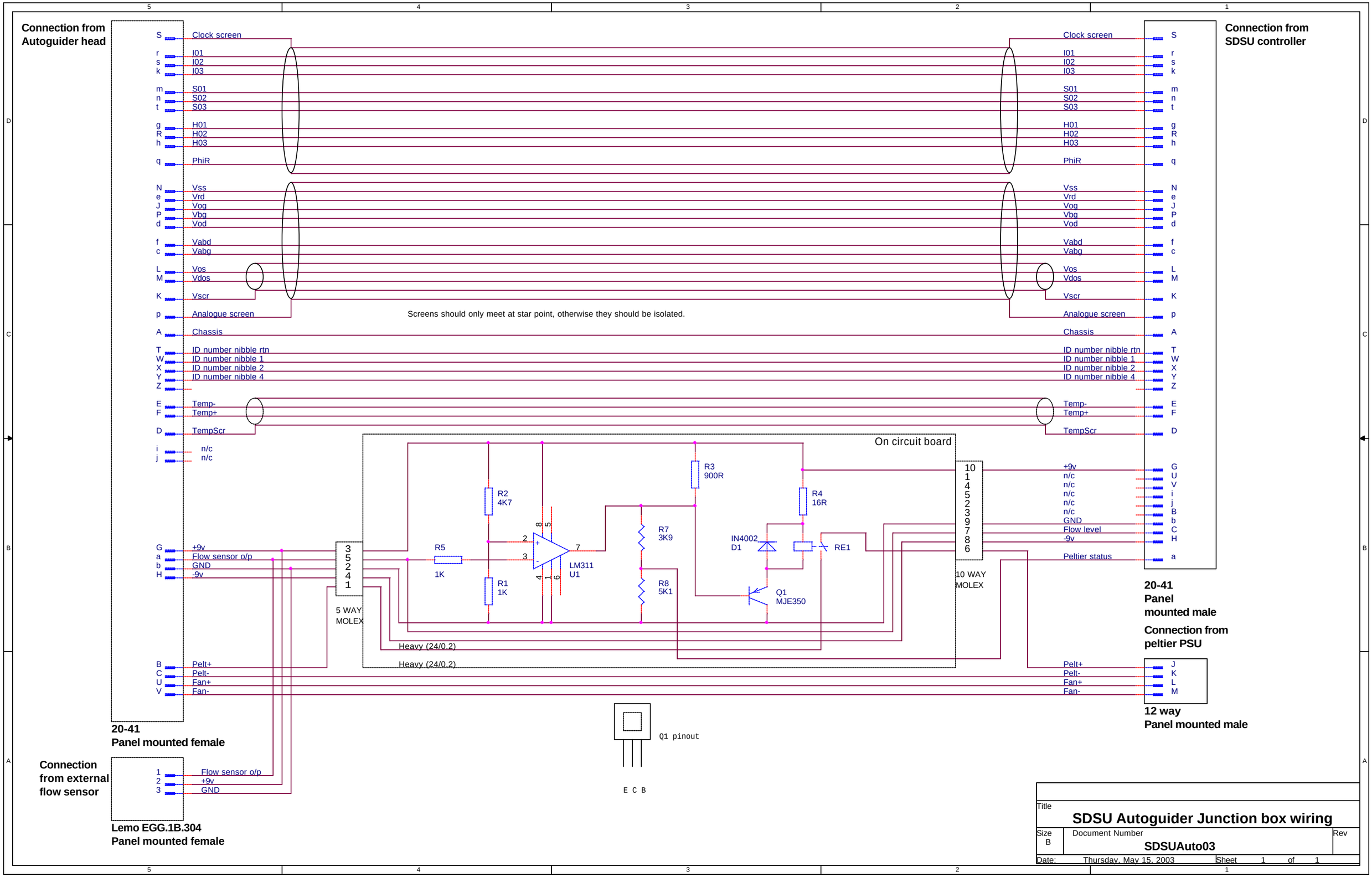
Connection from Autoguider head
Clock screen
I01
I02
I03
S01
S02
S03
H01
H02
H03
PhiR
Vss
Vrd
Vog
Vbg
Vod
Vabd
Vabg
Vos
Vdos
Vscr
Analogue screen
Chassis
ID number nibble rtn
ID number nibble 1
ID number nibble 2
ID number nibble 4
Temp-
Temp+
TempScr
n/c
+9v
Flow sensor o/p
GND
-9v
Pelt+
Pelt-
Fan+
Fan-
20-41
Panel mounted female
Screens should only meet at star point, otherwise they should be isolated.
Connection from SDSU controller
On circuit board
R3
900R
R2
4K7
R4
16R
R5
1K
R1
1K
LM311
U1
R7
3K9
R8
5K1
IN4002
D1
RE1
Q1
MJE350
5 WAY
MOLEX
10 WAY
MOLEX
Heavy (24/0.2)
Heavy (24/0.2)
Flow level
Peltier status
20-41
Panel
mounted male
Connection from peltier PSU
12 way
Panel mounted male
Q1 pinout
E C B
Connection from external flow sensor
Lemo EGG.1B.304
Panel mounted female
Title
SDSU Autoguider Junction box wiring
Size
B
Document Number
SDSUAuto03
Rev
Date:
Thursday, May 15, 2003
Sheet
1
of
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