Valve Bank 1		Bank 0
0	RP	COLFINGER HEATER
1	RI	COLDFINGER PUMP
2	RF	CAPS HEATER
3	RV	CAPS PUMP
4	RM	
5	SC1	
6	SC2	
7	LV	
8	SP	
9	SI	
10	SM	
11	SV	
12	SM	
13	RC1	
14	RC2	
14	HV	

1 9 BL BR BL PI

1 9 BL BR BL PI

24 Volts In

STEP1

STEP2

RED SYSTEM PREP PCB SI062

PUMP SPEED

HV

LV

COLD FINGER TC

COLD FINGER SSR

TRANSDUCER

SCREEN

STEP2 STEP1 -BA+ -BA+

ENCODER PINS - A + B

Socket 1 9

24V PSU 0VA

Stepper Motor	
24 volt	White
Phase B	White/Blue
Phase B	Blue
24 volt	Black
Phase A	White/Red
Phase A	Red
Micro Switch	
Top N/C	Orange
Top C	Black
Bottom N/C	Red
Bottom C	Black
Encoder	
Vcc	Red
Channel B	Brown
Channel A	White
GND	Black

D Type		Prep Molex	
1	red	10--	
2	black	9--	
3	orange	8--	
4	black	7--	
5	blue	6--	
6	black	5--	10 way
7	violet	4--	
8	black	3--	
9	green	2--	
10	black	1--	
11	black	4---	
12	brown	3---	
13	black	2---	4 way
14	pink	1---	

Top

Bottom

6 4 5 3 7 8

MAINS IN FILTER

E2M1.5

RV3

COLD FINGER

COLD FINGER

RV3

E2M1.5

N MAINS L

N L

24V PSU

34W 3/4 VB 0

34W 1/2 VB 0

	MDC	ISSUED FOR BUILD	24-10-2010	C
MOD	ISSUED BY	DESCRIPTION	DATE	REV. No.
REMOVE ALL BURRS & SHARP EDGES		DO NOT SCALE	THIRD ANGLE	
MATL.		ALL DIMENSIONS IN MILLIMETRES		
FINISH		TOLERANCES UNLESS OTHERWISE STATED ±0.15° ANGULAR SURFACE FINISH 1.6u 0. ±1 0.00 ±0.1 0.0 ±0.2	DRG. SIZE A1	
			SCALE	
TITLE	GEO INLET		DRG No	21002/004/001
SERCON LTD				©