

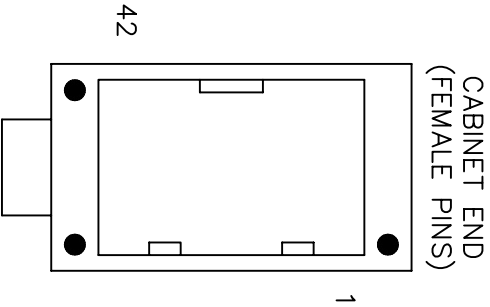
42 WAY SOCKET CONNECTIONS

| PIN | COLOUR | WIRE |
|-----|--------|------|
| 1 | RED | |
| 2 | YELLOW | |
| 3 | ORANGE | |
| 4 | BLACK | |
| 5 | RED | |
| 6 | YELLOW | |
| 7 | ORANGE | |
| 8 | BLACK | |
| 9 | RED | |
| 10 | YELLOW | |
| 11 | ORANGE | |
| 12 | BLACK | |
| 13 | RED | 54 |
| 14 | YELLOW | 55 |
| 15 | RED | 54 |
| 16 | YELLOW | 56 |
| 17 | RED | 54 |
| 18 | YELLOW | 57 |
| 19 | RED | 71 |
| 20 | BLUE | 72 |
| 21 | YELLOW | 76 |

| | |
|-----------------------------------|---------------|
| X AXIS MOTOR | 0.5mm SINGLES |
| Y AXIS MOTOR | 0.5mm SINGLES |
| Z AXIS MOTOR | 0.5mm SINGLES |
| X DATUM SWITCH | 0.2mm SINGLES |
| Y DATUM SWITCH | 0.2mm SINGLES |
| Z DATUM SWITCH | 0.2mm SINGLES |
| ATC IN | |
| ATC OUT | |
| COMMON FOR ATC DATUM AND SWITCHES | |

| PIN | COLOUR | WIRE |
|-----|--------|------|
| 22 | BROWN | 20 |
| 23 | BLUE | 21 |
| 24 | EARTH | E |
| 25 | BLACK | 38 |
| 26 | WHITE | N |
| 27 | YELLOW | 37 |
| 28 | RED | 61 |
| 29 | BLUE | 62 |
| 30 | YELLOW | 89 |
| 31 | RED | 77 |
| 32 | BLUE | 78 |
| 33 | RED | 91 |
| 34 | BLUE | 61 |
| 35 | RED | 90 |
| 36 | BLUE | 60 |
| 37 | RED | 136 |
| 38 | BLUE | 137 |
| 39 | YELLOW | 75 |
| 40 | GREEN | 130 |
| 41 | RED | 134 |
| 42 | BLUE | 135 |

| | |
|-----------------|-----------------------|
| SPINDLE MOTOR | 1.5mm 4 CORE SCREEN * |
| ATC MOTOR | 1mm SINGLES |
| 24v | |
| E-STOP 1 | 4 CORE SCREEN |
| E-STOP 2 | |
| GUARD CONTACT 1 | 2 CORE SCREEN * |
| GUARD CONTACT 2 | 2 CORE SCREEN |
| GUARD SOLENOID | 2 CORE SCREEN |
| 5v | |
| 0v | 4 CORE SCREEN * |
| ATC DATUM | |
| 12v | |
| FEEDRATE | 2 CORE SCREEN * |
| SPINDLE | |



* TAKE SCREEN TO EARTH

4.0mm EARTH