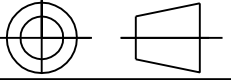
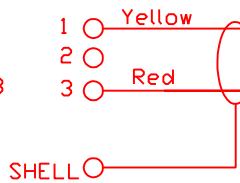
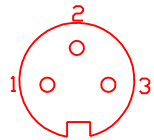


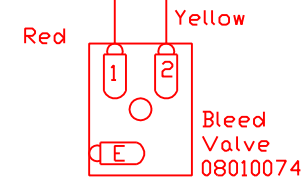
PROJECTION 

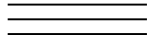
DO NOT SCALE

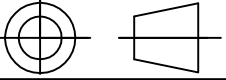
3 WAY 180 deg
DIN PLUG



4 core 7/0.2 screened
cable cut length 3.2m

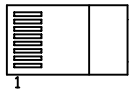


ISS	MODIFICATION	DATE	MATL. N/A	DRN CJH	EMITECH 	TOLS:- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED
				DATE 21/9/2007	TITLE	DRG No A4-117-227
			FINISH N/A	APP	Bleed Valve Lead	
				SHEET 1 OF 1		

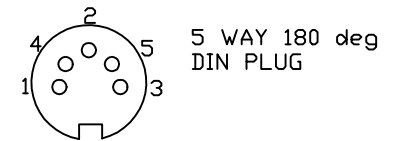
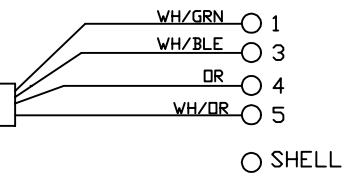
PROJECTION 

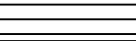
DO NOT SCALE

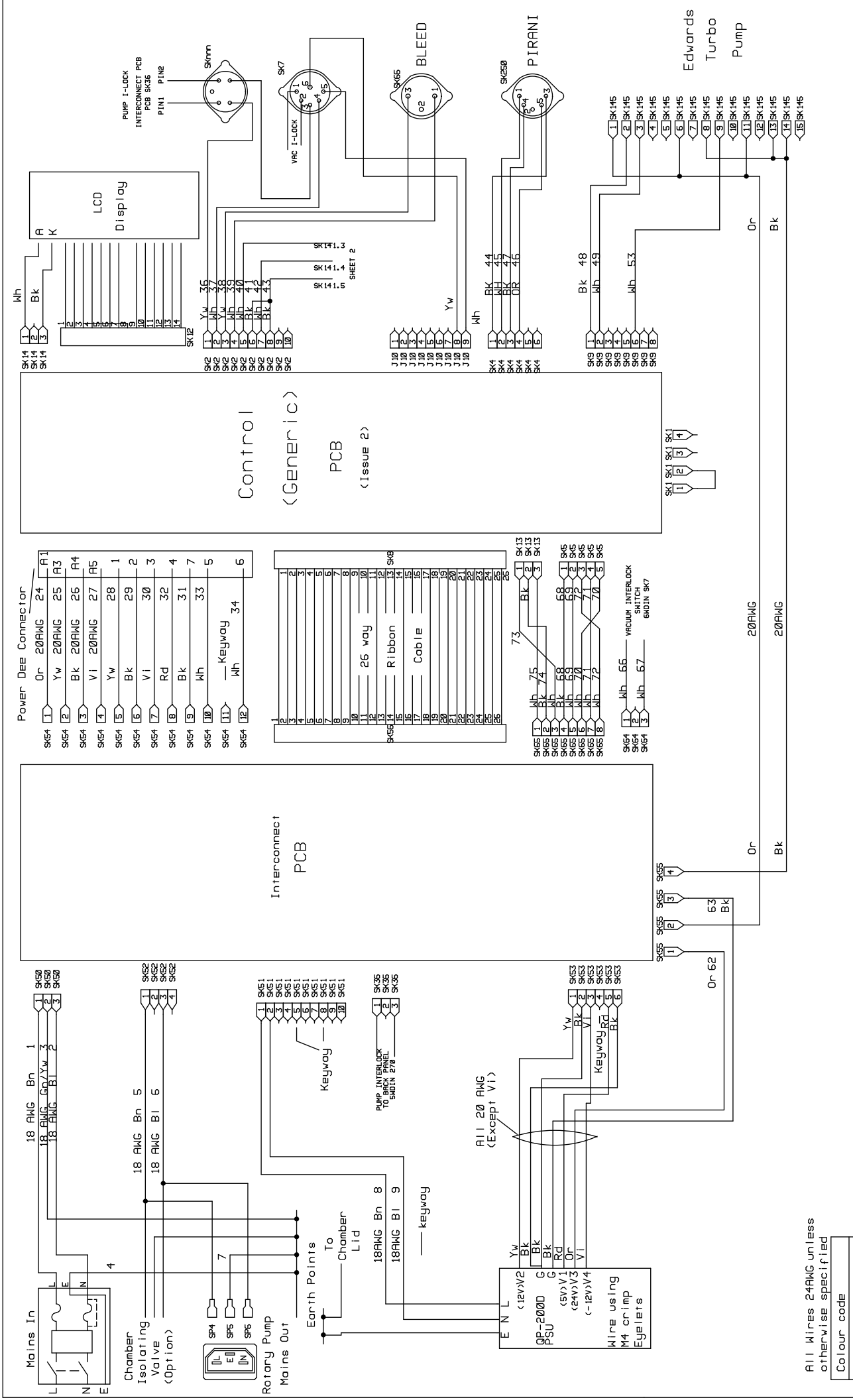
EDWARDS APGX
GAUGE
1 WH/OR
2 OR
3 WH/GRN
5 WH/BLE



Modify standard RJ45 ethernet cable
Length:- 3m length cable
Label as "AL117231" and cover with 45mm
of 6.4mm dia clear shrink sleeving
(03920004)



ISS	MODIFICATION	DATE	MATL.N/A	DRN CJH	EMITECH 	TOLs:- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED	
				DATE 21/9/2007	TITLE		
			FINISH N/A	APP	External Edwards	DRG No A4-117-231	ISS 1
				SHEET 1 of 1	Gauge Lead		

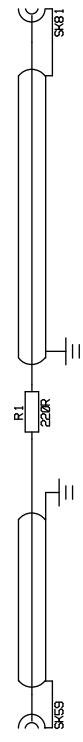


MODIFICATIONS		EMITECH	
TITLE:	K575X REMOTE WIRING SCHEMATIC	ISSUE:	1
DRAWN	DJR	DATE:	14/9/07
	RJH	DRG NO.:	A3/117/212
		SHEET	1 OF 2

All Wires 24AWG unless otherwise specified

Colour code	
Yw	- Yellow
Wh	- White
Bl	- Blue
Bk	- Black
Br	- Brown
Gr-Y	- Green/Yellow
Gr	- Grey

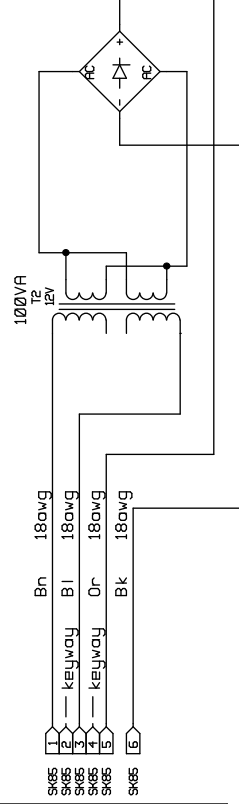
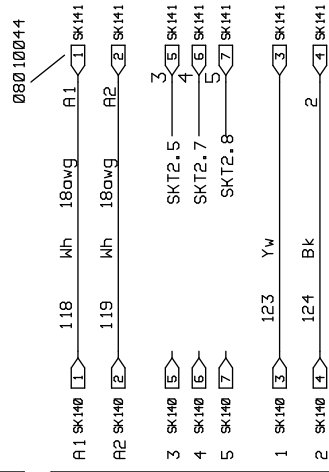
Sputter
Supply
PCB



Sputter
Target
Heads



PELTIER
Drive
PCB



MODIFICATIONS

EMITECH

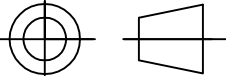
TITLE: K575X REMOTE WIRING SCHEMATIC

ISSUE: 1

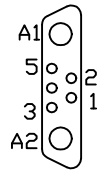
DRAWN DJR R3H DATE: 14/9/07

DRG NO. A3/117/004

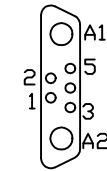
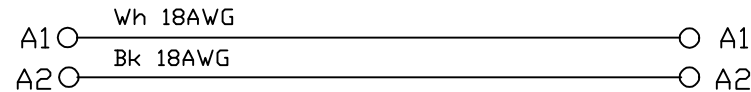
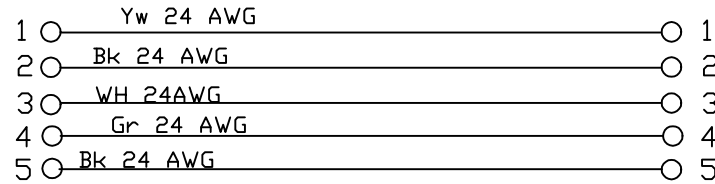
SHEET 2 OF 2

PROJECTION 

DO NOT SCALE




7W2 mixed D plug(0810045)
 FITTED WITH POWER PINS(08900010)
 COVER WITH METALISE SHELL

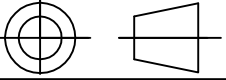


7W2 mixed D socket(0810044)
 FITTED WITH POWER PINS(08900004)
 COVER WITH METALISE SHELL

CUT LENTH 3m

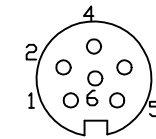
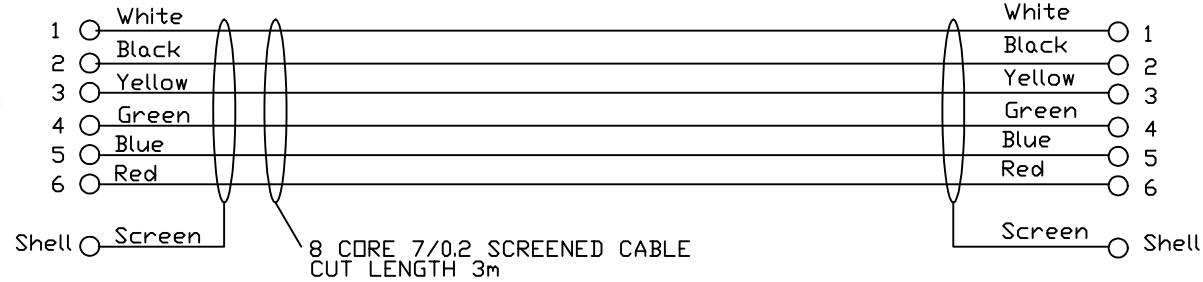
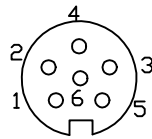
Cover cable with 10mm braided sleeving (03920019) and finish both ends with heat shrink
 LABEL BOTH ENDS OF CABLE AND COVER LABEL WITH CLEAR SHRINK WRAP

ISS	MODIFICATION	DATE	MATL.N/A	DRN CJH	EMITECH 	TOLSi- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED	DRG No A4-117-228	ISS 1
				DATE 17/11/2008	TITLE			
			FINISH N/A	APP	K575XR Drive			
				SCALE 1:1	interconnect lead			

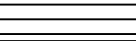
PROJECTION 

DO NOT SCALE

8 WAY
DIN PLUG
08010087

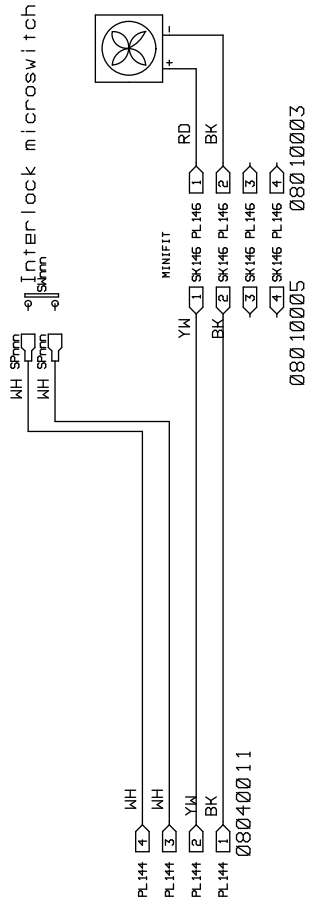


8 WAY
DIN PLUG
08010087

ISS	MODIFICATION	DATE	MATL. N/A	DRN	EMITECH 	TOLSi- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED	DRG No A4-117-232	ISS 1	
				CJH					TITLE
				DATE					K575XR valve drive
				21/9/2007					interconnect lead
			FINISH N/A	APP					
				SHEET					
				1 OF 1					

ALL WIRE 24AWG UNLESS
OTHERWISE SPECIFIED

BL=BLUE
BK=BLACK
BN=BROWN
GR=GREY
RD=RED
WH=WHITE
YW=YELLOW



MODIFICATIONS
Ref CAR 0527, 0532

EMITECH

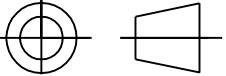
TITLE: K575XR Chamber Fan Wiring

ISSUE: 1

DRAWN CJH DATE: 21/9/2007

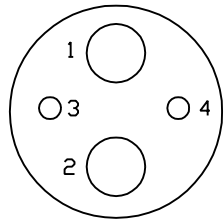
DRG NO. A4-117-234

SHEET 1 OF 1

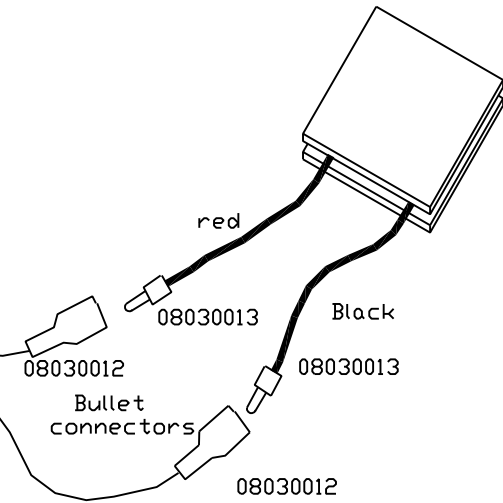
PROJECTION 

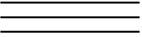
DO NOT SCALE

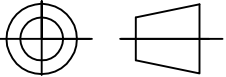
Fischer
S104A087
080400027



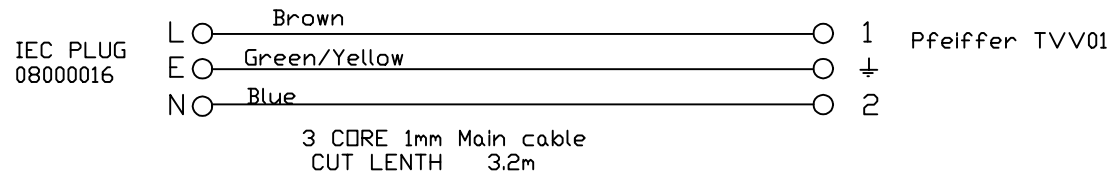
1 ○ Wh 18AWG
2 ○ Black 18 AWG

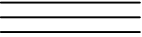


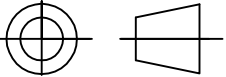
ISS	MODIFICATION	DATE	MATL. N/A	DRN CJH	EMITECH 	TOLS:- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED
				DATE 21/9/2007	TITLE	
			FINISH N/A	APP	K575XR	DRG No A4-117-235
				SHEET 1 of 1	Pelter wiring	ISS 1

PROJECTION 

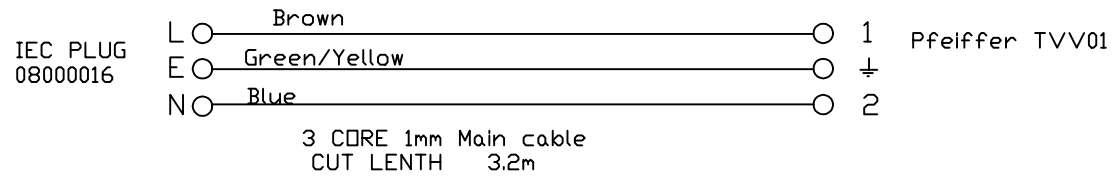
DO NOT SCALE

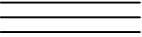


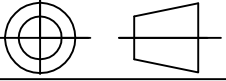
ISS	MODIFICATION	DATE	MATL. N/A	DRN CJH	EMITECH 	TOL:- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED
				DATE 28/8/2007	TITLE	
			FINISH N/A	APP	External isolation	
				SCALE 1:1	Valve lead	DRG No A4-411-130
						ISS 1

PROJECTION 

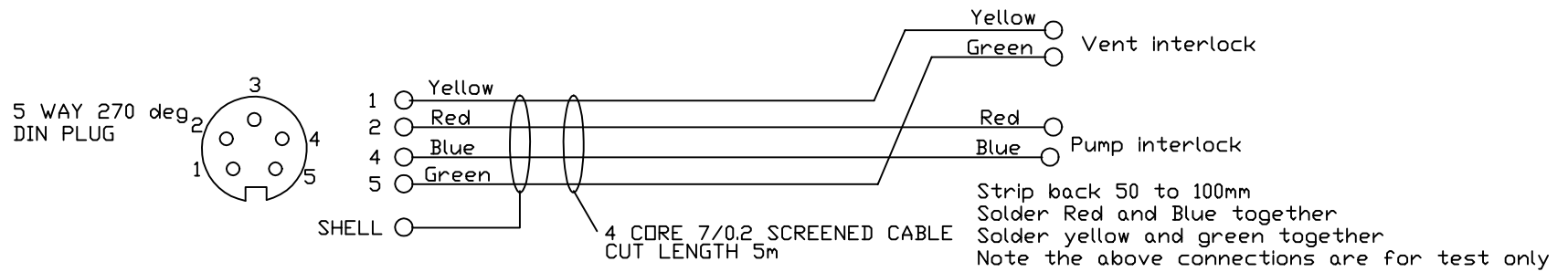
DO NOT SCALE




ISS	MODIFICATION	DATE	MATL. N/A	DRN CJH	EMITECH 	TOL:- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED
				DATE 28/8/2007	TITLE	
			FINISH N/A	APP	External isolation	
				SCALE 1:1	Valve lead	DRG No A4-411-130
						ISS 1

PROJECTION 

DO NOT SCALE



ISS	MODIFICATION	DATE	MATL. N/A	DRN CJH	 TITLE K975 Glovebox interlock lead	TOLSI- DIMS IN mm DECIMAL+- 0.1 WHOLE NOS +-0.5 ANGLES+-15' UNLESS OTHERWISE STATED	DRG No A4-412-070	ISS 1
				DATE 3/10/2007				
			FINISH N/A	APP				
				SHEET 2 of 1				

Bill Of Materials AL117216-1 Drawing Number
 Description K575X Remote Interconn Cables Issue Number 0

=====
 Components

Seq	Bulk Item Number	Description	Quantity Req'd	Pack
8	03500020	50 Ohm BNC Plug to BNC Plug, 0	1.0000	EACH
2 P	AL117226-1	HT interconnect lead	1.0000	EACH
4 P	AL117227-1	Bleed valve interconnect lead	1.0000	EACH
1 P	AL117228-1	Drive interconnect lead	1.0000	EACH
5 P	AL117231-1	Pirani gauge interconnect lead	1.0000	EACH
6 P	AL117232-1	Valve drive interconnect lead	1.0000	EACH
7 P	AL411130-1	Chamber isolation lead assembl	1.0000	EACH
3 P	AL411132-1	Turbo pump lead assembly	1.0000	EACH
9 P	AL412070-1	Glovebox interlock lead assemb	1.0000	EACH