

WIRING DIAGRAM

26 POSITION D-SUB HOUSING	PCB BOARD	LUMBERG 12 CCT CONNECTOR	CRIMP	COLOUR
PIN NO.		PIN NO.		
1		C 4		RED
2		C 10		GREY
3		C 1		BROWN
4		C 1		RED
5		C 7		ORANGE
6		C 5		TAN
7		C 9		YELLOW
8		C 8		PINK
9		C 8		BLACK
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

BILL OF MATERIALS

NO.	QTY	SUPPLIER	DESCRIPTION	EDP NO.	NOTE
1		MOLEX	12 CORE CABLE	99036-0174	1, 4
1		LUMBERG	12 POSITION PLUG INCLUDES SHELLS & CONNECTOR	8834725	1, 2, 3
1		AMP	26 POSITION D-SUB HO HOUSING KIT	287478-1	3
1		MOLEX	PCB BOARD	99048-0283	3
1		MOLEX	CROMET	99038-0085	4
2		HERSCHMANN	BANANA CLIP	538 726/100	3
1		MOLEX	HEAT SHRINK	99048-0019	4
4		MOLEX	26 AWG JUMPER CABLE	99036-0072	4
1		PAN	26 POSITION HIGH DENSITY D-SUB	95033-426	4
1		MOLEX	18 AWG CABLE, RED	99036-0087	4
1		MOLEX	18 AWG CABLE, BLACK	99036-0088	4

CABLE SPECIFICATION

LEAD TYPE: FLAT RIBBON ROUND OTHER

SPIRAL CABLE YES NO

NO. OF CONDUCTORS:

2. CABLE REQUIREMENTS: CABLE MUST BE WOUND FROM REEL WITH ORIENTATION AS PER DIAGRAM BELOW

3. CONDUCTOR SPECIFICATIONS:

CONDUCTOR NO.	CONDUCTOR 1	CONDUCTOR 2
1 - 2	3 - 4	
CONDUCTOR 1		
- MATERIAL: TINNED CU TINNED CU		
- A.W.G.: 26 30		
- STRANDING QTY/GAUGE: 7/26 7/30		
- TENSILE STRENGTH: N/A N/A		
INSULATION 1		
- MATERIAL: PVC PVC		
- NOM. WALL THICKNESS: 0.75 0.75		
- COLOUR: SEE CABLE DIAGRAM/COLOR CODE		
- OUTSIDE DIAMETER: 0.26 ± 0.03 0.48 ± 0.03		
DIRECTION OF LAY: N/A N/A		
LENGTH OF LAY: N/A N/A		
UL RATING: N/A N/A		

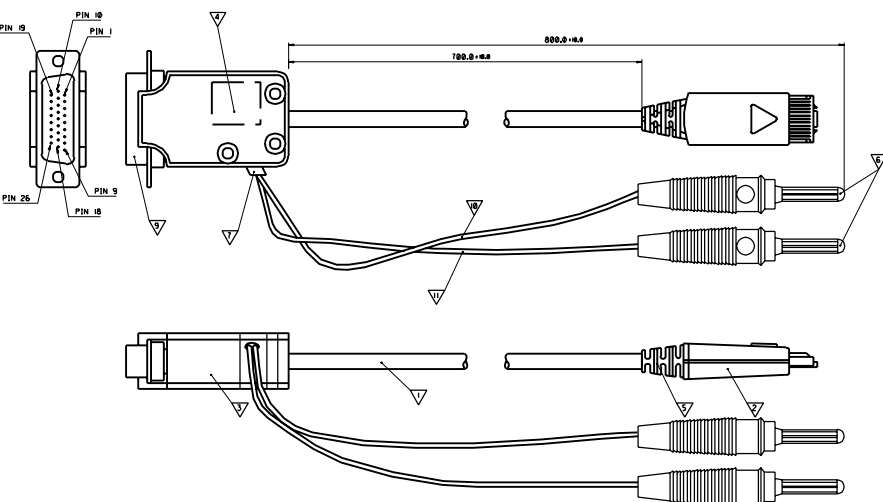
SCALE 10:1

COLOURS:
1. BROWN
2. RED
3. WHITE
4. BLACK
5. GREEN
6. BLUE
7. ORANGE
8. YELLOW
9. PURPLE
10. GREY
11. PINK
12. TAN

4. FILLER: ENOUGH TO MAKE CABLE ROUND

5. SEPARATOR: TYPE TALC

6. CABLE JACKET: TYPE PVC
FINAL DIAMETER 2.68 ± 0.10
NOM. THICKNESS 0.75
COLOUR BLACK
FINISH MAT
UL RATING N/A
HARDNESS 70D
STRIPABILITY N/A
MARKINGS NONE



- NOTES:**
- CABLE CONDUCTORS AND TERMINALS COVERED WITH HEAT SHRINK INSULATION USING ON LUMBERG CONNECTOR.
 - SHELLS OF LUMBERG CONNECTOR IS THERMICALLY WELDED.
 - SUPPLIER OR CUSTOMER APPROVED EQUIVALENT.
 - ONLY AVAILABLE FROM MOLEX AS PART OF A HARNESS ASSEMBLY.
 - ASSEMBLES TESTED FOR SHORTS AND CONTINUITIES BETWEEN ALL CIRCUITS.
 - THE SIEMENS P/N OF THIS HARNESS IS Y3846-428460.
 - PARTS PACKED LOOSELY IN BAGS.

UPDATE E.O.M. 00017
N/TORANGE 00006
A7

CABLE SPECIFICATION

SCALE 20:1

CONDUCTOR	CONDUCTOR 1	CONDUCTOR 2
- MATERIAL: STRANDED TINNED CU		
- A.W.G.: 18		
- STRANDING QTY/GAUGE: 19/30		
INSULATION 1		
- MATERIAL: PVC		
- WALL THICKNESS: 0.20		
- COLOUR: RED & BLACK		
- OUTSIDE DIAMETER: SEE DIAGRAM		
RATING:		
- STYLE: MIL-W-16878E TYPE B		
- FLAME RATING: V0-1		
- VOLTAGE RATING: 600 V		
- TEMPERATURE RATING: -55° C TO 105° C		

2 : 1 * *
D.RYAN 98/10/07
C.TOBIN 98/10/07
M.WHILITE 98/10/07
S9260146.DGN 92601-2046 SD-92601-061 1 OF 1

SHT. 1	OF 1	MRI-SD-92601-061			
MODIFICATION RECORD INDEX					
ECN	ISS.	DATE	INIT.	SRVS. AFFECTED	DESCRIPTION OF MOD.
-	A	98.10.07	DR	1	ORIGINAL CONCEPT
-	A1	98.10.12	DR	1	UPDATE WIRING
-	A2	98.11.16	DR	1	UPDATE VIEWS
-	A3	98.11.18	DR	1	UPDATE CABLE DIAMETER
E90131	A4	98.11.26	DR	1	ORIGINAL RELEASE
E90284	A5	99.01.15	DR	1	UPDATE DRAWING TO USE TWO FERRESSES AND IS CHANGE
E90347	A6	99.03.0	DR	1	BLACK WIRE TO CCT. NO. 8 RED WIRE TO CCT. NO. 10
E2000-0017	A7	01.07.04	DR	1	VARIOUS MODS TO EDP. NUMBER
MOLEX EUROPE		REVISE ONLY ON CAD SYSTEM			
<small>MOLEX EUROPE</small>		<small>THRU: PALMISTO</small>		<small>FILE</small>	
<small>MOLEX EUROPE</small>		<small>THRU: PALMISTO</small>		<small>FILE</small>	

LEVEL CHART

1	17	33	49
2	18	34	50
3	19	35	51 LEVEL INDEX
4	20	36	52 RESERVED
5	21	37	53 RESERVED
6	22	38	54 Inspection Balloons
7	23	39	55 DIMENSIONS
8	24	40	56 TABLES/CHARTS
9	25	41	57 REVISION TEXT & MRI
10	26	42	58 Notes/text - English
11	27	43	59 BOM materials
12	28	44	60 notes/text - german
13	29	45	61
14	30	46	62 notes/text - french
15	31	47	63 RESERVED
16	32	48	