

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 HD HOUSING KIT	287478-1	3
1		MOLEX	PCB BOARD	98048-0283	3
1		MOLEX	CROMET	99038-0085	4
2		HERSCHMANN	BANANA CLIP	538 726/100	3
1		MOLEX	HEAT SHRINK	98048-0019	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 - 12
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:		
- MATERIAL:	PVC	PVC
- NOM. WALL THICKNESS:	0.75	0.75
- COLOUR:	SEE CABLE DIAGRAM/COLOR CODE	
- OUTSIDE DIAMETER:	0.96 ± 0.03	0.68 ± 0.03
DIRECTION OF LAY:	N/A	N/A
LENGTH OF LAY:	N/A	N/A
UL RATING:	N/A	N/A

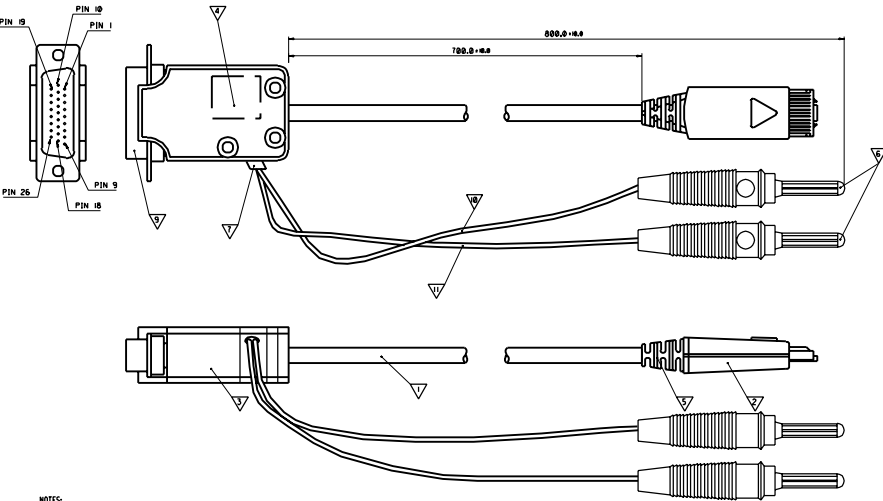
SCALE 10:1

4. FILLER: ENOUGH TO MAKE CABLE ROUND

5. SEPARATOR: TYPE TALC

6. CABLE JACKET: TYPE PVC

TYPE	FINAL DIAMETER	WALL THICKNESS	QTY	COLOR	FINISH	UL RATING	HARDNESS	STRIPABILITY	MARKINGS
	2.68 ± 0.10	0.75		BLACK	MIT	N/A	70D	N/A	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. 000107
 11/10/06 000006
 A7

CABLE SPECIFICATION

SCALE 20:1

CONDUCTOR:	STRANDED TINNED CU
- MATERIAL:	18
- A.W.G.:	
- STRANDING QTY/GAUGE:	19/30
INSULATION:	
- MATERIAL:	PVC
- WALL THICKNESS:	0.75
- COLOUR:	RED & BLACK
- OUTSIDE DIAMETER:	SEE DIAGRAM
RATING:	
- STYLE:	MIL-W-16878E TYPE B
- FLAME RATING:	VB-1
- VOLTAGE RATING:	600 V
- TEMPERATURE RATING:	-55° C TO 105° C

2 : 1 * *
 D.RYAN 98/10/07
 C.TOBIN 98/10/07
 MWLWHITE 98/10/07
 S92G0146.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 FERROUS AND 18 STRANDED
E90347	A6	99.03.0	DR	1	CHANGE WIRING BLACK WIRE TO CCT. NO. 8 RED WIRE TO CCT. NO. 10
E2000-0017	A7	01.07.01	DR	1	VARIOUS MODS TO EDP. NUMBER
MOLEX EUROPE		REVISE ONLY ON CAD SYSTEM			
<small>MOLEX EUROPE: THE NETHERLANDS: PO BOX 1000, 3720 ZG DE BILT, THE NETHERLANDS</small>		<small>TELEX: 320801</small> <small>PHONE: 31 48 48 48 48</small>	<small>FAX: 31 48 48 48 48</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 & MFI
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	