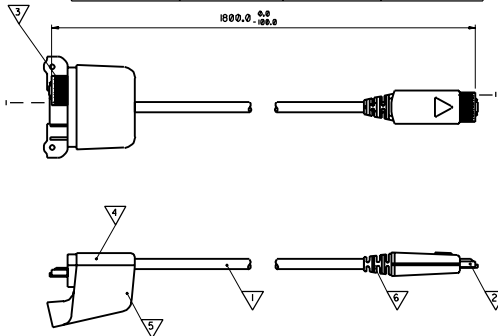


WIRING DIAGRAM

LUMBERG 12 CCT CRADLE CONNECTOR	12 CORE CABLE	LUMBERG 12 CCT CONNECTOR	SIGNAL NAME
PIN No.	COLOUR	PIN No.	
1	BROWN	1	GND
2	GREY	2	SB
3	RED	3	POWER
4	PURPLE	4	BATT+
5	YELLOW	5	TX
6	ORANGE	6	RX
7	BLUE	7	ZUB. CLK
8	GREEN	8	ZUB. DATA
9	BLACK	9	GND. MIC
10	WHITE	10	HF. MIC
11	TAN	11	AUDIO
12	PINK	12	GND.A



BILL OF MATERIALS

NO.	QTY	SUPPLIER	DESCRIPTION	EDP. NO.	NOTE
1	1	MOLEX	12 CORE CABLE	99036-0174	1, 4, 7
2	1	LUMBERG	12 POSITION PLUG INCLUDES SHELLS & CONNECTOR	8834C25	1, 2, 3, 7
3	1	LUMBERG	12 CCT CAR CRADLE CONNECTOR AND STRAIN RELIEF	8836525	1, 2, 3, 7
4	1	BEBEUSH	UPPER SHELL	C39158-A23-C6	2, 3, 7
5	1	BEBEUSH	LOWER SHELL	C39158-A23-C7	2, 3, 7
6	1	MOLEX	GROMMET	99038-0085	7

UPDATE B.O.M.  
E2000-0017  
N.TOWNSE 99/09/11

A3

CABLE SPECIFICATION

CABLE TYPE: FLAT  RIBBON  ROUND  OTHER   
 SPIRAL CABLE YES  NO   
 NO. OF CONDUCTORS 12

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

3. CONDUCTOR SPECIFICATIONS:

	CONDUCTOR NO. 1-2	3-12
CONDUCTOR:		
- MATERIAL:	TINNED CU	TINNED CU
- A.B.G.:	26	38
- STRANDING QTY/GUAGE:	7/34	7/38
- TENSILE STRENGTH:	N/A	N/A
INSULATION:		
- MATERIAL:	PVC	PVC
- NOM. WALL THICKNESS:	0.19	0.19
- COLOUR:	SEE CABLE DIAGRAM/COLOR CODE	
- OUTSIDE DIAMETER:	0.66 ± 0.03	0.68 ± 0.03
- DIRECTION OF LAY:	Z	S
- LENGTH OF LAY:	N/A	N/A
- U.L. RATING:	N/A	N/A

CONDUCTOR 1: 7, ORANGE  
 CONDUCTOR 2: 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 (FLAME RETARDANT)	PVC (USED)
FINAL DIAMETER	0.68 ± 0.10	
NOM. THICKNESS	0.26	
COLOR	BLACK	
FINISH	MATT	
U.L. RATING	N/A	
HARDNESS	T80	
STRIPABILITY	N/A	
MARKINGS	NONE	
FLAME RATING	UL 1100 HORIZONTAL SPECIMEN / FT2 TO REFERENCE STANDARD UL 581	

NOTES:  
 1. CABLE CONDUCTORS AND TERMINALS COVERED WITH HEAT SHRINK INSULATION TUBING ON LUMBERG CONNECTORS.  
 2. SHELLS OF LUMBERG CONNECTORS ULTRASONICALLY WELDED.  
 3. SUPPLIER OR CUSTOMER APPROVED EQUIVALENT.  
 4. ONLY AVAILABLE FROM MOLEX AS PART OF A HARNESS ASSEMBLY.  
 5. ASSEMBLIES TESTED FOR SHORTS AND DISCONTINUITIES BETWEEN ALL CIRCUITS.  
 6. PARTS PACKED LOOSELY IN BAGS, PLACELABEL ON BAGS. SEE LABEL INFORMATION BELOW.  
 XX: MONTH OF MANUFACTURE.  
 YY: YEAR OF MANUFACTURE  
 ZZZ: CODE OF MANUFACTURER - MXI.

7. PARTS TO BE TESTED ACCORDING TO THE SIEMENS SPECIFICATION A24851-A1-A33-54-7624.

I : I \*

D. RYAN 99/02/16

J. HORGAN 99/02/16

MWILHITE 99/02/16

CAR KIT COMFORT  
V30146-A2047-D-1

1/2

S9260147.DGN 92601-2047 SD-92601-081 1 OF 1

92601-2047  
SD-92601-081

SHT. 1 OF 1				MRI- SD-92601-081	
MODIFICATION RECORD INDEX					
ECN	ISS.	DATE	INIT.	SHTS. AFFECTED	DESCRIPTION OF MOD.
-	A	99.02.16	DR	1	REMOVE FERRULE
-	A1	99.02.22	DR	1	REPLACE KIT P/N'S WITH INDIVIDUAL P/N'S
E90329	A2	99.04.06	DR	1	ORIGINAL RELEASE
E2000-0017	A3	99.07.06	NT	1	VARIOUS MODS TO EDP. NUMBERS

MOLEX EUROPE

REVISE ONLY ON CAD SYSTEM

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DATE: 99/02/16

ISSUE: A3

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 Inspect Ion Ball looms
7	23	39	55 DIMENS IONS
8	24	40	56 TABLES/CHARTS
9	25	41	57 REVISION TEXT & MRI
10	26	42	58 Notes/text - English
11	27	43	59 Bill of 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	