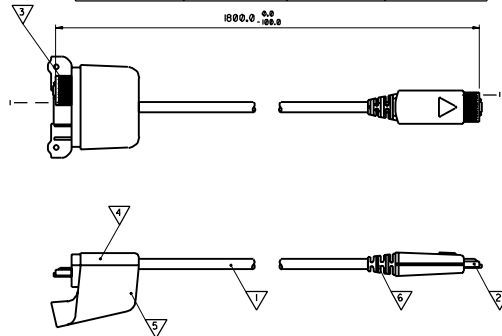


WIRING DIAGRAM

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 99/08/11

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.	CONDUCTOR NO.	
	1 - 2	3 - 12
- MATERIAL:	TINNED CU	TINNED CU
- A.B.G.:	26	30
- STRANDING QTY/GUAGE:	7/34	7/38
- TENSILE STRENGTH:	N/A	N/A
- INSULATION:	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

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

CONDUCTOR 1: 7, ORANGE; 8, YELLOW; 9, PURPLE; 10, GREY; 11, PINK; 12, TAN

SCALE 10:1

NOTES:

- CABLE CONDUCTORS AND TERMINALS COVERED WITH HEAT SHRINK INSULATION TUBING ON LUMBERG CONNECTORS.
- SHELLS OF LUMBERG CONNECTORS ULTRASONICALLY WELDED.
- SUPPLIER OR CUSTOMER APPROVED EQUIVALENT.
- ONLY AVAILABLE FROM MOLEX AS PART OF A HARNESS ASSEMBLY.
- ASSEMBLIES TESTED FOR SHORTS AND DISCONTINUITIES BETWEEN ALL CIRCUITS.
- 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.
- 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: 99/02/11

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	