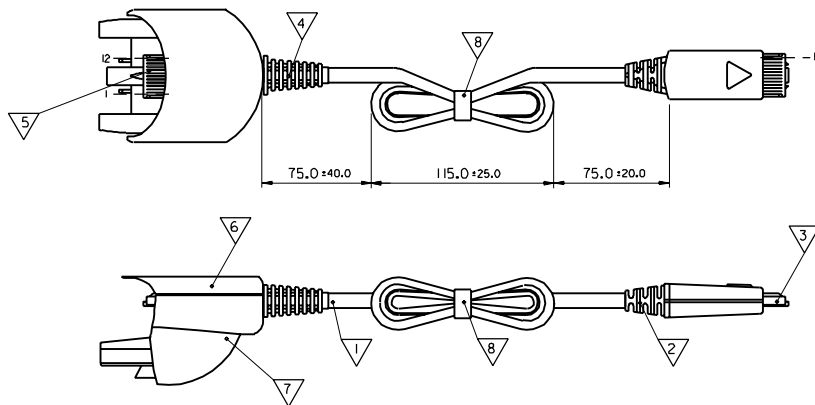


WIRING DIAGRAM

5		1		3	
LUMBERG 12 CCT CRADLE CONNECTOR		12 CORE CABLE		LUMBERG 12 CCT CONNECTOR	
PIN No.	COLOUR	PIN No.	SIGNAL NAME		
1	BROWN	C 1	GND		
2	GREY	C 2	SB		
3	RED	C 3	POWER		
4	PURPLE	C 4	BATT+		
5	YELLOW	C 5	TX		
6	ORANGE	C 6	RX		
7	BLUE	C 7	ZUB_CLK		
8	GREEN	C 8	ZUB_DATA		
9	BLACK	C 9	GND_MIC		
10	WHITE	C 10	HF_MIC		
11	TAN	C 11	AUDIO		
12	PINK	C 12	GNDA		



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.
- RUBBER BAND TO BE WRAPPED AROUND HARNESS BEFORE PACKAGING.
- PARTS PACKED LOOSELY IN BAGS, PLACE LABEL ON BAGS.  
SEE LABEL INFORMATION BELOW.  
XX: MONTH OF MANUFACTURE.  
YY: YEAR OF MANUFACTURE  
ZZZ: CODE OF MANUFACTURER - MXI.

V30146-A2072-D-1  
XX/YY  
ZZZ

- PARTS TO BE TESTED ACCORDING TO THE SIEMENS SPECIFICATION A24851-A1-A33--7624.
- GROMMETS TO BE APPLIED IN POSITION SHOWN .PULL FORCE TO BE 30N min.
- BAGS TO BE PACKED IN BOXES, PLACE LABEL ON BOX.  
SEE LABEL INFORMATION BELOW.  
XX: MONTH OF MANUFACTURE.  
YY: YEAR OF MANUFACTURE  
QTY: QUANTITY OF PRODUCT PER BOX.  
ZZZ: CODE OF MANUFACTURER - MXI.

V30146-A2072-D-1  
92601-0055  
XX/YY  
QTY  
ZZZ

CABLE SPECIFICATION

1. 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 :	CONDUCTOR NO.	
	1 - 2	3 - 12
- MATERIAL	TINNED CU	TINNED CU
- A.W.G.	26	30
- 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/COLOUR CODE	
- OUTSIDE DIAMETER	0.86 ± 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 POLYESTER FILM

6. CABLE JACKET :

TYPE	PVC
FINAL DIAMETER	4.80 ± 0.10
NOM. THICKNESS	0.86
COLOUR	BLACK
FINISH	MATT
U.L. RATING	N/A
HARDNESS	TBD
STRIPABILITY	N/A
MARKINGS	NONE
FLAME RATING	UL 1110 HORIZONTAL SPECIMEN / FT2 TO REFERENCE STANDARD UL 1581

CONDUCTOR 1

CONDUCTOR 2

SCALE 10:1

COLOURS:

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

BILL OF MATERIALS

NO.	QTY	SUPPLIER	DESCRIPTION	PART No.	NOTE
1	1	MOLEX	12 CORE CABLE	99036-0174	1, 4, 8
2	1	MOLEX	GROMMET	99036-0085	4, 8, 9
3	1	LUMBERG	12 POSITION PLUG INCLUDES: SHELLS AND CONNECTOR	8834C25	1, 2, 3, 8
4	1	MOLEX	GROMMET	99038-0090	8, 9
5	1	LUMBERG	12 POSITION PLUG	8836 12	1, 8
6	1	SIEMENS	UPPER SHELL	C39158-A37-C11	2, 3, 8
7	1	SIEMENS	LOWER SHELL	C39158-A37-C10	2, 3, 8
8	1	MOLEX	BLACK RUBBER BAND	90848-0185	3, 6

ADD BOX LABEL EC No. 2000-1163 DRAWN/DMCN 000628 CHK: / / APPR: / /	QUALITY SYMBOLS MAJOR = CRITICAL = C =	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 1 : 1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION	DIMENSIONS: <input type="checkbox"/> mm <input type="checkbox"/> INCH <input checked="" type="checkbox"/> mm ONLY	SHT	REV
		4 PLACES ±0. ±.	DRAWN BY & DATE DMCN 99/10/29	CHECKED BY & DATE BENRIGHT 99/10/29	TITLE: <b>P35 CAR KIT HARNESS</b>	REVISION ON CAD ONLY		
3 PLACES ±0. ±.	APPROVED BY & DATE MWILHITE 99/10/29	CAD FILENAME	MATERIAL NO. <b>92601-0055</b>		DRAWING NO. <b>SD-92601-106</b>	SHEET NO. <b>1 OF 1</b>		
1 PLACE ±0. ±.	ANGULAR: ± 1/2°	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.				

92601-0055  
SD-92601-106