

WIRING DIAGRAM : 6 CORE CABLE

UNTERMINATED END	6 CORE CABLE	MOLEX I/O CONNECTOR	CONDUCTOR COLOUR REF.
	CONDUCTOR No.	CIRCUIT No.	
	6	1	WHITE
	5	2	BROWN
		7	
	1	12	RED/BLUE
	2	13	VIOLET
	3	15	GREEN
	4	16	YELLOW

CABLE SPECIFICATION : 6 CORE CABLE

LEAD TYPE : FLAT RIBBON ROUND OTHER

SPIRAL CABLE YES NO

NO. OF CONDUCTORS 6

2. CABLE REQUIREMENTS : N/A

3. CONDUCTOR SPECIFICATIONS :

CONDUCTOR NO.	CONDUCTOR NO.
1 - 2	3 - 4
CONDUCTOR :	TINNED CU
- MATERIAL :	TINNED CU
- S.W.G. :	28
- STRANDING QTY/GAUGE :	7/36
- TENSILE STRENGTH :	N/A
INSULATION :	
- MATERIAL :	PVC
- MIN. WALL THICKNESS :	0.25 REF
- COLOUR :	SEE DIAGRAM
- OUTSIDE DIAMETER :	Ø.9 REF
DIRECTION OF LAY :	3
LENGTH OF LAY :	50A REF
UL. RATING :	N/A

4. FILLER : PVC ENOUGH TO MAKE ROUND

5. SEPARATION : TAIL

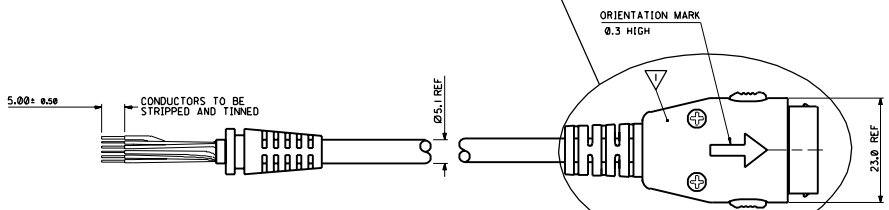
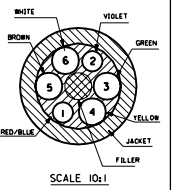
6. SHIELD : FOL TYPE N/A FOL FACING N/A

7. DRAIN WIRE : GAUGE N/A STRANDING N/A REQUIREMENT N/A

8. SPIRAL/BRAID : GAUGE N/A COPPER TYPE N/A COVERAGE N/A

9. CABLE JACKET : TYPE PVC FINAL DIAMETER Ø.9 REF MIN. THICKNESS 0.50 REF COLOUR BLACK FINISH MATT UL. RATING N/A HARDNESS STAMPABILITY MARKINGS '24851-21303-118-1' YEAR / MONTH 'XX' / 'MXI' PRINTED IN WHITE EVERY 400 'YEAR / MONTH' OF MANUFACTURE TO IEC 62 INDEX 5.1.

10. PACKAGING : PACKAGING SEE PACKAGING SPECIFICATION ESTABLISHED BY LOCAL PURCHASING AND MANUFACTURING DEPARTMENTS.



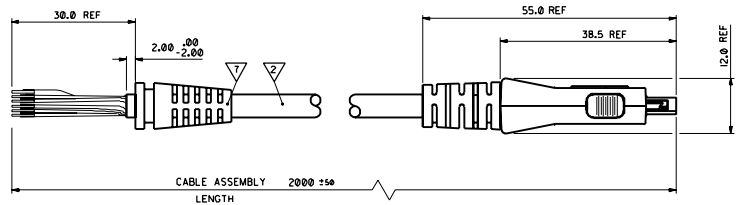
BILL OF MATERIALS

NO.	QUANTITY	SUPPLIER	DESCRIPTION	PART No.	SEE NOTE
1	1	MOLEX	16 CIRCUIT I/O MOBILE PHONE PLUG CONNECTOR	90813-0004	1, 2, 3
2	1	MOLEX	6 CORE CABLE SEE CABLE SPECIFICATION	99036-0006	5
3	3	NO PREFERRED SUPPLIERS	1/6 BORE HEAT SHRINK INSULATION TUBING	90848-0005	4, 5
4	1	MOLEX	MOULDED ON GROMMET		5, 6
5	1	NO PREFERRED SUPPLIERS	CRIMP RING	90875-0001	5
6	1	NO PREFERRED SUPPLIERS	JUMPER WIRE AWG 26	90848-0008	9
7	1	MOLEX	MOULDED ON GROMMET		10

NOTES:-

- MATES WITH SERIES 90811 HANDSET CONNECTOR.
- SEE PRODUCT SPECIFICATION No. PS-99020-0033.
- POWER CONTACTS TO BE ON CIRCUITS 1,2,15,16.
- ALL CABLE CONDUCTORS AND SOLDER CUPS WITH CIRCUITS 3,7,11 TO BE COVERED WITH HEAT SHRINK INSULATION TUBING.
- ONLY AVAILABLE FROM MOLEX AS PART OF A CABLE ASSEMBLY.
- SEE GROMMET SPECIFICATION ES-99038-0005.
- PACKAGING ; SEE PACKING SPEC. ES-99039-0002.
- LABELLED AS SHOWN. YEAR AND MONTH, 'XX', TO BE PRINTED ACCORDING TO IEC 62 INDEX 5.1.
- SEE TERMINATION SPECIFICATION ES-99033-0003.
- JUMPER WIRE (AWG 26) BETWEEN CIRCUITS 1 AND 7.
- SEE GROMMET SPEC ES-99038-0002.

V24851-Z1303-A118-1
XX MXI
MOLEX 90813-1004



FOR PREVIOUS DRAWING ISSUES SEE MRL

REVISIONS

NO.	DATE	DESCRIPTION
1		

DESIGNED BY: JOC
CHECKED BY: JOC
DRAWN BY: JOC
SCALE: 2:1

REVISIONS ONLY ON CAD SYSTEM

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. & SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.

SYSTEM CONNECTOR PLUG CABLE ASSEMBLY

MOLEX EUROPE

90813-1004

94/06/01

90813-1004