

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 YES  NO

2. CABLE REQUIREMENTS : N/A

3. CONDUCTOR SPECIFICATIONS :

| CONDUCTOR NO.           | CONDUCTOR NO. |
|-------------------------|---------------|
| 1 - 2                   | 3 - 4         |
| CONDUCTOR :             | TINNED CU     |
| - MATERIAL :            | TINNED CU     |
| - STRANDS :             | 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

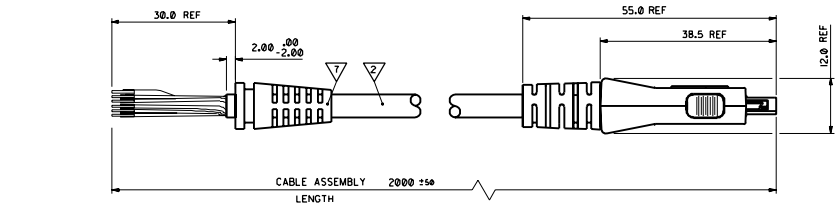
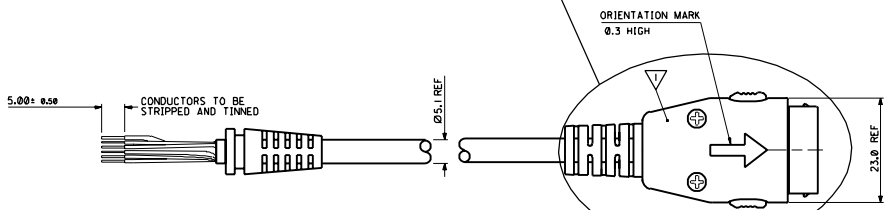
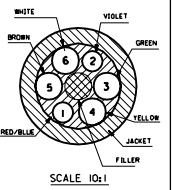
6. SHIELD : FOIL TYPE N/A  
FOIL FACING N/A

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 0.25 REF  
COLOUR BLACK  
FINISH SMOOTH  
UL. RATING N/A  
HARDNESS N/A  
STAMPABILITY N/A  
MARKINGS "24851-21303-11M-1 YEAR / MONTH MEX" 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 | 1/8 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 | DATE | BY | DESCRIPTION |
|-----------|------|----|-------------|
| 1         |      |    |             |
| 2         |      |    |             |
| 3         |      |    |             |
| 4         |      |    |             |
| 5         |      |    |             |
| 6         |      |    |             |
| 7         |      |    |             |
| 8         |      |    |             |
| 9         |      |    |             |
| 10        |      |    |             |

REVISE ONLY ON CAD SYSTEM

DATE: 09/01/94

SCALE: 2:1

MOLEX EUROPE

90813-1004

890388