

**WIRING DIAGRAM : 3 CORE CABLE**

CIRCUIT No.	CONNECTOR No.	CIRCUIT No.
7	1	6
2	2	5
1	3	16

**CABLE SPECIFICATION : 16 CORE CABLE**

CABLE TYPE: FLAT  RIBBON  ROUND  OTHER

SPRAL CABLE YES  NO

NO. OF CONDUCTORS  3

2. CABLE REQUIREMENTS : N/A

3. CONDUCTOR SPECIFICATIONS :

CONDUCTOR :	CONDUCTOR NO.
- MATERIAL	1 - 3
- TIMED Cu	
- ALLOY	26
- STRANDING QTY/GAUGE	7/34
- TENSILE STRENGTH	N/A

INSULATION :

- MATERIAL	PVC
- MIN. WALL THICKNESS	0.20 REF
- COLOUR	SEE DIAGRAM
- OUTSIDE DIAMETER	0.87 REF
- DIRECTION OF LAY	5
- LENGTH OF LAY	30.8 REF
- ULL RATING	UL - 2464

4. FILLER : ENOUGH TO MAKE THE ASSEMBLY ROUND

5. SEPARATOR : N/A

6. SHIELD :

FOIL TYPE	N/A
FOIL FACTING	N/A

7. DRAIN WIRE :

GAUGE	N/A
STRANDING REQUIREMENT	N/A

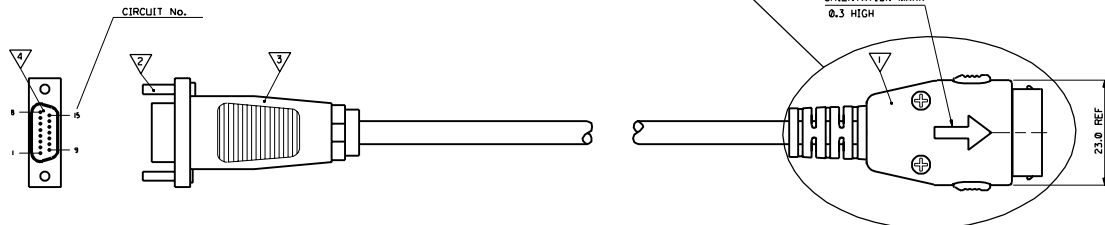
8. SPIRAL BRAID :

GAUGE	N/A
COPPER TYPE	N/A
COVERAGE	N/A

9. CABLE JACKET :

TYPE	PVC
FINAL DIAMETER	0.8
MIN. THICKNESS	N/A
CLOUR	BLACK
FINISH	MAT
ULL RATING	UL - 2464
HARDNESS	
STRETCHABILITY	
MARKINGS	V24851-Z1303-A102-1 YEAR WEEK MFI PRINTED IN WHITE
	EVERY 300.00 YEAR MARK OF MANUFACTURE TO IEC 62 INDEX 5.1

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



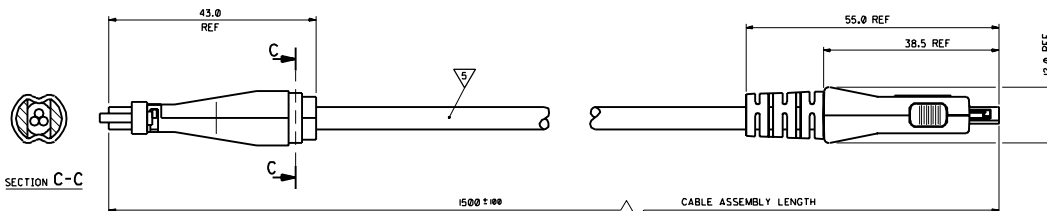
**BILL OF MATERIALS**

NO.	QUANTITY	SUPPLIER	DESCRIPTION	PART No.	SEE NOTE
1	1	MOLEX	16 CIRCUIT 1/0 MOBILE PHONE PLUG CONNECTOR	90813-0004	1, 2, 3
2	1	ITT CANNON	15 POLE PIN CONNECTOR WITH GUIDE PINS	MDS-120122-22	5
3	2	ITT CANNON	JUNCTION SHELLS WITH STRAIN RELIEF RING	MDS-5E06-V5	5
4	3	ITT CANNON	CRIMP CONTACT PINS	430-8595-004	5
5	1	MOLEX	3 CORE CABLE SEE CABLE SPECIFICATION	99036-0002	5
6	3	NO PREFERRED SUPPLIERS	1.6 BORE HEAT SHRINK INSULATION TUBING	90848-0005	4, 5
7	1	MOLEX	MOULDED ON GROMMET		5, 6
8	1	NO PREFERRED SUPPLIERS	CRIMP RING	90875-0001	5

**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 ARE TO BE COVERED WITH HEAT SHRINK INSULATION TUBING.
- ONLY AVAILABLE FROM MOLEX AS PART OF A CABLE ASSEMBLY
- SEE GROMMET SPECIFICATION ES-99038-0001
- SEE PACKING SPECIFICATION ES-99039-0002, AND LABELED AS SHOWN YEAR AND MONTH "XX", TO BE PRINTED ACCORDING TO IEC 62 INDEX 5.1.
- SEE TERMINATION SPECIFICATION ES-99033-0003.

V24851-Z1303-A102-1  
W0460  
XX M XI  
MOLEX 90813-1003



**FOR PREVIOUS DRAWING ISSUES SEE MRL**

DATE BY: SM  
DRAWN BY: SM  
CHECKED BY: SM  
APPROVED BY: SM

REVISIONS:

NO.	DESCRIPTION	DATE
1	ISSUED	

DESIGN DIMENSION ( ) IN. DIMENSION ( ) IN. DIMENSION ( ) IN.

SCALE: 2:1

REVISE ONLY ON CAD SYSTEM

FILE: SYSTEM CONNECTOR PLUG CABLE ASSEMBLY

MOLEX EUROPE

SHEET NO. DATE: 10F 1 93/10/8

PART NO. DATE: 90813-1003 SDA-90813-1003