BILL OF MATERIALS

NO.	QTY	SUPPLIER	DESCRIPTION	PART No.	SEE NOTE
1	1	STARCONN	9 POS FEMALE D SUB	DS-09S	4,5
2	2	STARCONN	SCREW		4,5
3	1	MOLEX	D SUB CONNECTOR DOUBLE OVERMOULD		
4		NO PREFERRED SUPPLIER	COPPER FOIL		4,7
5	2	MOLEX	SCREW OVERMOULD		
6	1	NO PREFERRED SUPPLIER	6 CORE CABLE SEE CABLE SPECIFICATION		4,5
7	1	MOLEX	OVERMOULD GROMMET AND FERRULE		
8	1	MOLEX	DATA SHELLS KIT	90919-0001	2
9	1	MOLEX	FRICTION LOCK CONTACT UNIT	90902-3001	1,2
10	1	BRADY	LABEL		4
11	1	CDS ELECTRONICS	PRINTED CIRCUIT BOARD		4,5,6

WIRING DIAGRAM : 6 CORE CABLE

1 9 POS FEMALE D-SUB CONN.	6 6 CORE CABLE	11 PCB	
CIRCUIT No.	CONDUCTOR No.	CIRCUIT No.	CONDUCTOR COLOUR REF
1	1	1	BLACK
2	2	2	BROWN
3	3	3	RED
4	4	4	BLUE
5	5	5	GREY
7	6	6	GREEN
COPPER FOIL	DRAIN		

6 CABLE SPECIFICATION : 6 CORE CABLE

1. CABLE TYPES:- FLAT ☐ RIBBON ☐ ROUND ☒ OTHER ☐
SPIRAL CABLE YES ☐ NO ☒
NO. OF CONDUCTORS 6

2. CABLE REQUIREMENTS :

3. CONDUCTOR SPECIFICATIONS :

	CONDUCTOR NO.
	1 - 6
CONDUCTOR :	
- MATERIAL	TINNED Cu
- A.W.G.	28
- STRANDING QTY/GUAGE	19/40
- TENSILE STRENGTH	N/A
INSULATION :	
- MATERIAL	PP
- MIN. WALL THICKNESS	0.15
-COLOUR	SEE CABLE DIAGRAM/COLOUR CODE
- OUTSIDE DIAMETER	0.70 ± 0.05
DIRECTION OF LAY	S
LENGTH OF LAY	45
U.L. RATING	UL 1589

COLOURS: 1. BLACK 2. BROWN 3. RED 4. BLUE 5. GREY 6. GREEN

JACKET, DRAIN WIRE, FILLER, ALUMINIUM FOIL, CONDUCTOR

SCALE 10:1

4. FILLER : ENOUGH TO MAKE CABLE ROUND

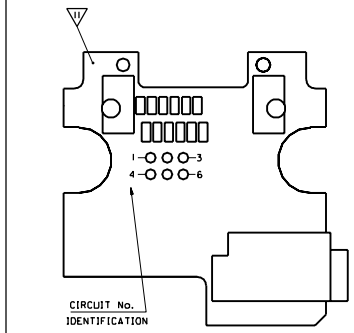
5. SEPARATOR : TYPE N/A; LAY DIRECTION N/A

6. SHIELD : FOIL TYPE ALUMENUM FOIL; FOIL FACING SILVER SIDE IN

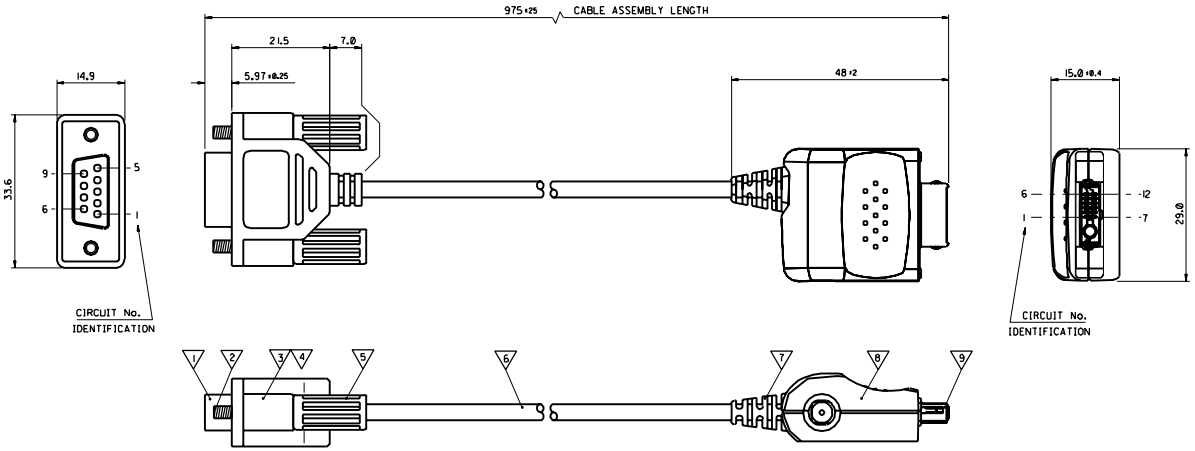
7. DRAIN WIRE : GAUGE 28; STRANDING 19/40; REQUIREMENT DRAIN WIRE TO BE INSIDE SHIELD

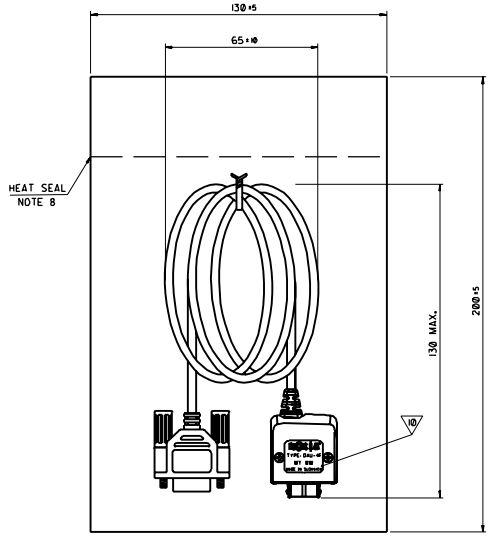
8. SPIRAL/BRAID : GAUGE N/A; COPPER TYPE; COVERAGE

9. CABLE JACKET : TYPE PVC; FINAL DIAMETER 3.50 ± 0.10; NOM. THICKNESS 0.50 ± 0.05; COLOUR BLACK; FINISH MATT; U.L. RATING UL 2starG; HARDNESS 84 SHORE A; STRIPPABILITY GOOD; MARKINGS N/A



PCB LAYOUT
SCALE 5:1





HARNESS PACKAGING CONFIGURATION
SCALE 1:1

NOTES:-
1. MATES WITH 90900/90904 SERIES HANDSET CONNECTOR.
2. SEE PRODUCT SPECIFICATION NO. PS-99020-0046.
3. SEE PRODUCT SPECIFICATION NO. PS-99020-0070.
4. ONLY AVAILABLE FROM MOLEX AS PART OF A CABLE ASSEMBLY.
5. SUPPLIER OR CUSTOMER APPROVED EQUIVALENT.
6. SEE TEST SPECIFICATION TS-99055-0001.
7. COPPER FOIL CONNECTED TO D SUB CONNECTOR.
8. PARTS TO BE INDIVIDUALLY PACKED AND HEAT SEALED AS SHOWN.

REVISIONS

LTR	DESCRIPTION	DRWG BY	CHK'D BY	APP'D BY	DATE
A2	BAG DIM'S MOD ECN E18746 97.06.12 MK	MK			

DIMENSIONS SHOWN (METRIC) INCH
UNLESS OTHERWISE SPECIFIED TOLERANCES (ANGULAR ± 1°)
INCH (METRIC)
3 PLACE ± .xxx
2 PLACE ± .xx ± 0.25
1 PLACE ± .x ± 0.50
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS
DESIGN DIMENSION ☒ (MM) ☐ IN.
(PRIMARY)
EQUIVALENT DIMENSION ☐ (MM) ☐ IN.
(SECONDARY)
SCALE 2:1

REVISE ONLY ON CAD SYSTEM — SH. REV.

CADCAM FILENAME 19/06/03 DON

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TITLE: DAU-4F DATA CABLE ASSEMBLY

MOLEX EUROPE

SHEET NO. 1OF1 DATE 96/11/26

PART NO. 92601-0003 DWG NO. SDA-92601-0003 SIZE D

S453-1004