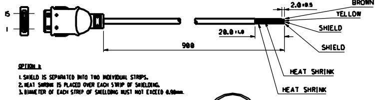
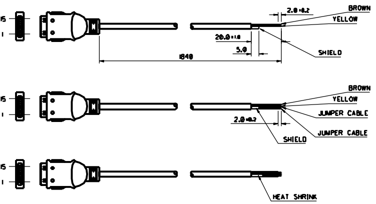


OPTION 1:

1. SHIELD IS SEPARATED INTO TWO INDIVIDUAL STRIPS.
2. HEAT SHRINK IS PLACED OVER EACH STRIP OF SHIELDING.
3. DIAMETER OF EACH STRIP OF SHIELDING MUST NOT EXCEED 0.90mm.

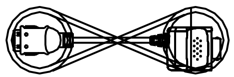
D.RYAN
98-03-10
APPROVED BY: ____________
SIGNED BY: ____________

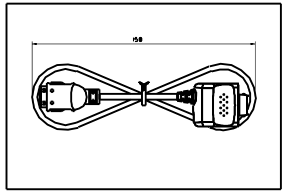


OPTION 2:

1. HAVE TWO JUMPER CABLES SOLDERED ONTO SHIELD.
2. HEAT SHRINK IS PLACED OVER SHIELD AND WHERE JUMPER CABLES ARE SOLDERED TO SHIELD.
3. DIAMETER OF EACH JUMPER CABLE MUST NOT EXCEED 0.90mm.

D.RYAN
98-02-16
APPROVED BY: ____________
SIGNED BY: ____________





BILL OF MATERIALS

NO.	QTY	SUPPLIER	DESCRIPTION	PART No.	SEE NOTE
1	1	MOLEX	15 PIN CONNECTOR AND 2 CORE CABLE ASSEMBLY REF 887-3741-00	90848-0200	4, 5
2	1	MOLEX	OVERMOULD GROMMET AND FERRULE		
3	1	MOLEX	DATA SHELLS KIT	90919-0001	2
4	1	MOLEX	FRICTION LOCK CONTACT UNIT	90902-3001	1, 2
5	1	CDS ELECTRONICS	PRINTED CIRCUIT BOARD	90848-0190	4, 5, 6
6	1	MOLEX	CABLE TIE WRAP	90848-0093	7

WIRING DIAGRAM : 6 CORE CABLE

1 15 PIN CONNECTOR	1 2 CORE CABLE	5 PCB
CIRCUIT No.	CONDUCTOR No.	CIRCUIT No.
	N/C	1
8	YELLOW	2
9	BROWN	3
14	N/C	
15	N/C	
OUTER SHIELD	SHIELD	4

1 CABLE SPECIFICATION : 2 CORE CABLE

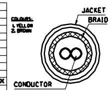
1. CABLE TYPE:- FLAT ☐ RIBBON ☐ ROUND ☒ OTHER ☐
SPIRAL CABLE YES ☐ NO ☒
NO. OF CONDUCTORS 2

2. CABLE REQUIREMENTS :

3. CONDUCTOR SPECIFICATIONS :

	CONDUCTOR NO. 1 & 2
CONDUCTOR :	
- MATERIAL	TINNED Cu
- A.W.G.	28
- STRANDING QTY/GUAGE	7/0.127
- TENSILE STRENGTH	N/A
INSULATION :	
- MATERIAL	PP
- MIN. WALL THICKNESS	0.05
-COLOUR	SEE CABLE DIAGRAM/COLOUR CODE
- OUTSIDE DIAMETER	0.75 ± 0.05
DIRECTION OF LAY	N/A
LENGTH OF LAY	N/A
U.L. RATING	UL 10046

COLOURS:
1. YELLOW
2. BROWN



SCALE 10:1

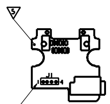
4. FILLER : ENOUGH TO MAKE CABLE ROUND

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

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

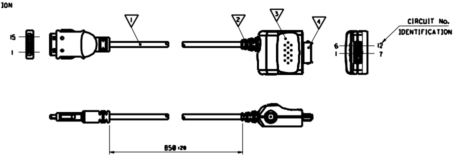
7. SPIRAL/BRAID : GAUGE 16/05/0.12
COPPER TYPE TINNED Cu
COVERAGE 85%

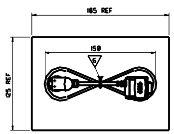
8. CABLE JACKET : TYPE PVC
FINAL DIAMETER 4.00 ± 0.12
AVG. THICKNESS 0.23
COLOUR BLACK
FINISH MATT
U.L. RATING UL 2725
HARDNESS N/A
STRIPABILITY GOOD
MARKINGS 2725 E87641 DG & AWM 80°C 30V VW-1



PCB LAYOUT
SCALE 2:1

CIRCUIT No. IDENTIFICATION





PACKAGING
SCALE 1:2

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. PARTS TO BE PACKED INDIVIDUALLY IN BAGS AS SHOWN.

ORIGINAL RELEASE
E80401
D.RYAN 98/03/25
A

1:1

D.RYAN 98/03/11
A.McCANN 98/03/11
MWILHITE 98/03/11

PCMCIA CABLE ASSEMBLY

1/2
S9260123.DGN 92601-0023 SD-92601-029 1 OF 1

SHT. 1 OF 1				MRI-SD-92601-029	
MODIFICATION RECORD INDEX					
ECN	ISS.	DATE	INIT.	SHTS. AFFECTED	DESCRIPTION OF MOD.
E80401	A	98.05.13	DR	1	ORIGINAL RELEASE

MOLEX EUROPE — REVISE ONLY ON CAD SYSTEM

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

CADCAM FILENAME S9260123 .DGN — ISSUE A

LEVEL CHART

1	17	33	49
2	18	34	50
3	19	35	51 LEVEL INDEX
4	20	36	52 RESERVED
5	21	37	53 RESERVED
6	22	38	54 Inspection Balloons
7	23	39	55 DIMENSIONS
8	24	40	56 TABLES/CHARTS
9	25	41	57 REVISION TEXT & MRI
10	26	42	58 Notes/text - English
11	27	43	59 Bill of materials
12	28	44	60 notes/text - german
13	29	45	61
14	30	46	62 notes/text - french
15	31	47	63 RESERVED
16	32	48	