

**BILL OF MATERIALS**

NO.	QTY	SUPPLIER	DESCRIPTION	PART No.	SEE NOTE
1	1	MOLEX	6 CORE CABLE	99036-0136	1,2
2	1	MOLEX	MICRO-FIT RECEPTACLE	43025-0600	1,2
3	6	MOLEX	CRIMP TERMINAL	43030-0001	1,2
4	1	MOLEX	OVERMOULD GROMMET	99038-0052	1,2

**CABLE SPECIFICATION : 6 CORE CABLE**

1. CABLE TYPE :  FLAT  RIBBON  ROUND  OTHER   
 SPIRAL CABLE YES  NO   
 NO. OF CONDUCTORS  2  3  4  5  6

2. CABLE REQUIREMENTS : CABLE MUST UNWIND FROM REEL WITH ORIENTATION AS PER DIAGRAM BELOW

3. CONDUCTOR SPECIFICATIONS :

CONDUCTOR :	CONDUCTOR NO.		COLOURS
	1 - 2	3 - 6	
- MATERIAL	TINNED CU	TINNED CU	1. RED
- AL. B.C.	20	25	2. BLACK
- STRANDING QTY/CABLE	7/20	7/20	3. GREEN
- TENSILE STRENGTH	N/A	N/A	4. YELLOW
- INSULATION :			5. ORANGE
- MATERIAL	PVC	PVC	6. BLUE
- MIN. BALL THICKNESS	0.13	0.13	
- COLOUR	SEE DIAGRAM		
- OUTSIDE DIAMETER	1.3 mm	1.05 mm	
DIRECTION OF LAY	S		
LENGTH OF LAY	58		
U.L.L. RATING	N/A		

4. FILLER : \_\_\_\_\_ COTTON ENOUGH TO MAKE CABLE ROUND

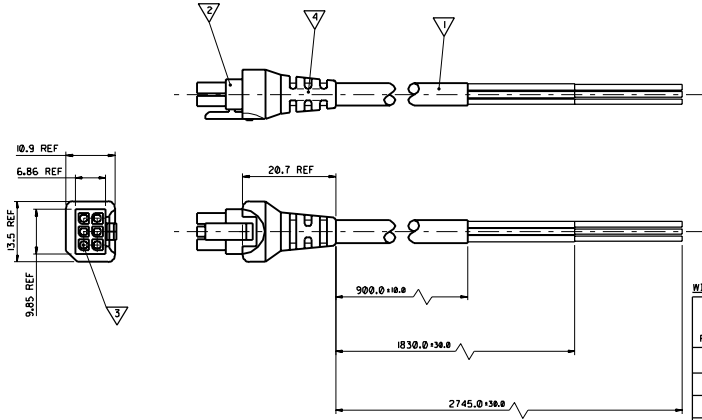
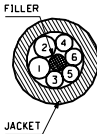
5. SEPARATOR : \_\_\_\_\_ TALE

6. CABLE JACKET : TYPE \_\_\_\_\_ PVC  
 FINAL DIAMETER 1.4 mm  
 NOM. THICKNESS 0.15 mm  
 COLOUR BLACK  
 FINISH MATT

7. ELECTRICAL DATA :  
 MAXIMUM OPERATING VOLTAGE 300VDC  
 DIELECTRIC WITHSTANDING VOLTAGE 1000 VOLTS AT 60 CPS  
 MAXIMUM CURRENT PER CONDUCTOR 500 mA PLSE

8. ENVIRONMENTAL DATA :  
 STORING TEMPERATURE RANGE -10°C TO +100°C  
 OPERATING TEMPERATURE RANGE -10°C TO +85°C  
 HUMIDITY RANGE 95% RH TO 90% RH

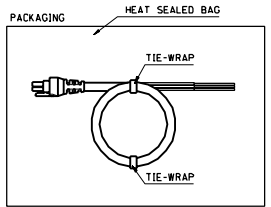
9. PACKAGING : SEE PACKAGING SPECIFICATION ESTABLISHED BY LOCAL PURCHASING AND MANUFACTURING DEPARTMENTS



CUSTOMER P/N: 3009374R01

**WIRING DIAGRAM : 6 CORE CABLE**

MICRO-FIT RECEPTACLE	6 CORE CABLE
CIRCUIT No.	CONDUCTOR No.
1	RED
2	BLACK
3	GREEN
4	YELLOW
5	ORANGE
6	BLUE



**NOTES:**

1. ONLY AVAILABLE FROM MOLEX AS PART OF A CABLE ASSEMBLY.
2. ASSEMBLIES TESTED FOR SHORTS AND DISCONTINUITIES BETWEEN ALL CIRCUITS.
3. PACKAGING PARTS TO BE PUT IN HEAT SEALED PLASTIC BAGS AND PACKED LOOSELY IN BOXES.

ORIGINAL RELEASE  
 E80142  
 MCCRAN 9809/17  
 //

2: 1 \*  
 AMcCANN 97/11/26  
 MCCRAN 97/11/27  
 MW 97/11/27

\*  
**POWER CABLE WITH OVERMOULD MICRO-FIT**

1/2 s9260114.dgn 92601-0014 SD-92601-011 1 of 1

SHT. 1 OF 1		MRI-SD-92601-011			
MODIFICATION RECORD INDEX					
ECN	ISS.	DATE	INIT.	SHTS. AFFECTED	DESCRIPTION OF MOD.
E80142	A1	98.11.02	MCUR	1	ORIGINAL RELEASE

\*  
**POWER CABLE WITH OVERMOULD MICRO-FIT**

MOLEX EUROPE		REVISE ONLY ON CAD SYSTEM	
DATE CHG. FILE NAME	ISSUE	DATE CHG. FILE NAME	ISSUE
	S9260114 .DGN		A1

**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 Inspect Ion Ball loons
7	23	39	55 DIMENS IONS
8	24	40	56 TABLES/CHARTS
9	25	41	57 REVISION TEXT & MRI
10	26	42	58 Notes/text - Engl ish
11	27	43	59 B111 of mater ials
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	