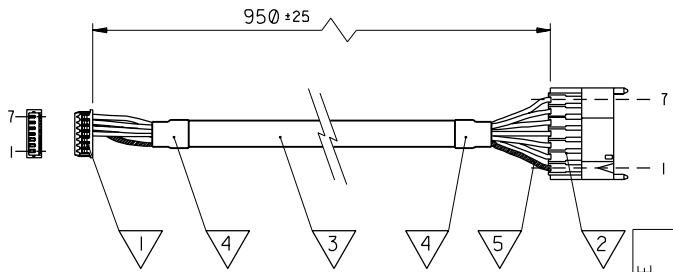
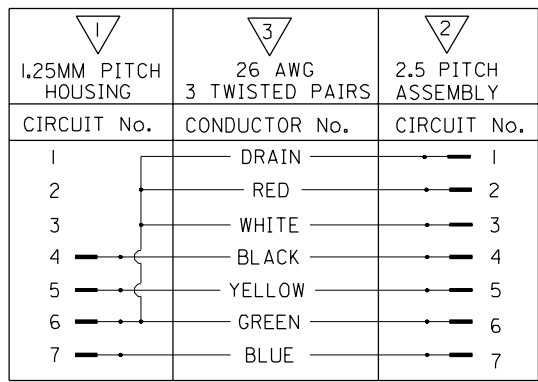


PART NO. 92601-0027  
 DWG. NO. SD-92601-038

**BILL OF MATERIALS:**

NO.	QTY	SUPPLIER	DESCRIPTION	PART No.	NOTE
1	4	MOLEX	1.25 mm PITCH HOUSING TERMINAL	51021-0700 50079-8000	
2	1	MOLEX	2.5mm PITCH WIRE TO BOARD ASSEMBLY	90650-0021	1
3	1	MOLEX	26 AWG CABLE, 3 TWISTED PAIRS WITH DRAIN WIRE	99036-0168	2, 3
4	1	RAYCHEM	HEAT SHRINK TUBING		
5	1	MOLEX	JUMPER WIRE	99036-0035	3

**WIRING DIAGRAM:**



**NOTES:**  
 1. SEE PRODUCT SPECIFICATION PS-99020-0018.  
 2. THE FOLLOWING CONDUCTORS WILL BE TWISTED AROUND THE DRAIN WIRE; RED, WHITE, GREEN. THE CONNECTION WILL BE COVERED WITH HEAT SHRINK TUBING. THIS IS THEN CONNECTED TO ITEM 1  
 3. A JUMPER WIRE IS SOLDERED TO THE DRAIN WIRE, THIS IS USED TO CONNECT THE DRAIN WIRE TO ITEM 2.  
 4. ASSEMBLIES TESTED FOR SHORTS AND CONTINUITIES BETWEEN ALL CIRCUITS.  
 5. PACKAGING: PARTS PACKED LOOSELY IN BOXES.

**3 CABLE SPECIFICATION:**

1. CABLE TYPE:- FLAT  RIBBON  ROUND  OTHER   
 SPIRAL CABLE YES  NO   
 NO. OF CONDUCTORS  6

2. CABLE REQUIREMENTS : N/A

3. CONDUCTOR SPECIFICATIONS :

	CONDUCTOR NO.
3 TWISTED PAIRS	1, 2, 3, 4, 5, 6
CONDUCTOR :	
- MATERIAL	TINNED CU
- A.W.G.	26
- STRANDING QTY/GUAGE	7/0.162
- TENSILE STRENGTH	N/A
INSULATION :	
- MATERIAL	PVC
- MIN. WALL THICKNESS	0.20
- COLOUR	SEE CABLE DIAGRAM
- OUTSIDE DIAMETER	1.00 ± 0.05
DIRECTION OF LAY	S
LENGTH OF LAY (ON PAIRS)	40
LENGTH OF LAY (ON OVERALL CABLE)	65
U.L. RATING	N/A

4. FILLER : ENOUGH TO MAKE CABLE ROUND

5. SEPARATOR : POLYESTER FILM

6. SHIELD : FOIL TYPE ALU/MYLAR FOIL  
FOIL FACING SILVER SIDE IN

7. DRAIN WIRE : GAUGE 26  
STRANDING 7/0.162  
REQUIREMENT N/A

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

9. CABLE JACKET : TYPE PVC  
FINAL DIAMETER 5.70 ± 0.15  
MIN. THICKNESS 0.50  
COLOUR BLACK  
FINISH MATT  
U.L. RATING N/A  
HARDNESS N/A  
STRIPABILITY N/A  
MARKINGS N/A

COLOURS:  
 1. RED  
 2. YELLOW  
 3. WHITE  
 4. BLACK  
 5. GREEN  
 6. BLUE

TWISTED PAIR 1 & 2  
 TWISTED PAIR 3 & 4  
 TWISTED PAIR 5 & 6  
 DRAIN WIRE  
 ALU/MYLAR  
 POLYESTER FILM

SCALE 5:1

ORIGINAL RELEASE EC NO. E80431 DRWN: D.RYAN 98/05/11 CHK: / / / / APPR: / / / /	QUALITY SYMBOLS MAJOR CRITICAL	GENERAL TOLERANCES: (UNLESS SPECIFIED)	SCALE 1:1	DESIGN UNITS <input checked="" type="checkbox"/> mm <input type="checkbox"/> INCH	THIRD ANGLE PROJECTION <input type="checkbox"/> mm <input checked="" type="checkbox"/> INCH	SHT	REV													
		<table border="1"> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> <tr> <td>4 PLACES</td> <td>±0.</td> <td>±.</td> </tr> <tr> <td>3 PLACES</td> <td>±0.</td> <td>±.</td> </tr> <tr> <td>2 PLACES</td> <td>±0.</td> <td>±.</td> </tr> <tr> <td>1 PLACE</td> <td>±0.</td> <td>±.</td> </tr> </table>		mm	INCH	4 PLACES	±0.	±.	3 PLACES	±0.	±.	2 PLACES	±0.	±.	1 PLACE	±0.	±.	DRAWN BY & DATE D.RYAN 98/03/30	CHECKED BY & DATE M.CURRAN 98/03/30	APPROVED BY & DATE MWILHITE 98/03/30
	mm	INCH																		
4 PLACES	±0.	±.																		
3 PLACES	±0.	±.																		
2 PLACES	±0.	±.																		
1 PLACE	±0.	±.																		
REV	DESCRIPTION	CAD FILENAME S9260127.DGN		MATERIAL NO. 92601-0027	DRAWING NO. SD-92601-038	SHEET NO. 1 OF 1														

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

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