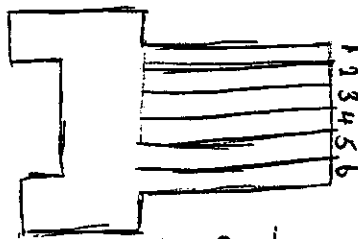


P865RA SENSOR MEDIC'S (3 FOOT)

28/09/00

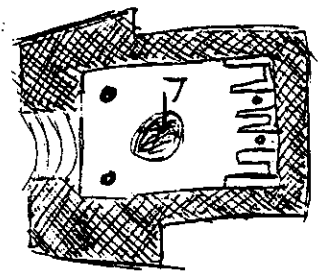
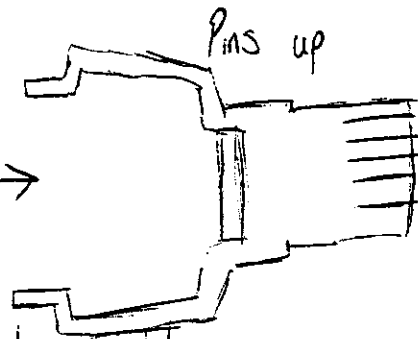
CONNECTOR END.

FACE UP



- 1/ white
- 2/ Black
- 3/ Blue
- 4/ Red
- 5/ Orange
- 6/ Yellow

7/ outershield.

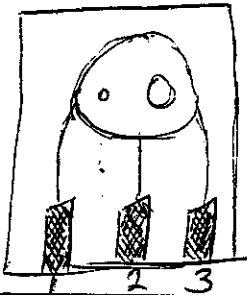


CLIP END.

L.E.D

I.R

FACE UP



SENSOR

FACE DOWN



- 1/ Yellow
- 2/ RED
- 3/ ORANGE
- 4/ white
- 5/ Black

6/ Blue

7/ 20K resistor

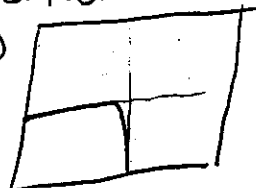


- 1/ clear heatshrink, cable grip.
- 2/ Strip cable down 1/2. Take unershield off.
- 3/ insert wires into connector as in above.
- 4/ solder outershield to casing.
- 5/ Strain relief on clip end 7-8 cm down cable.
- 6/ Strip and take off unershield.
- 7/ leave blue and outershield to attach resistor.
- 8/ L.E.D wire as in above diagram.
- 9/ Sensor wire as in above diagram.
- 10/ Heatshrink blue + resistor.

TEST POSITIONS.

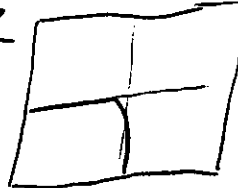
L.E.D

2



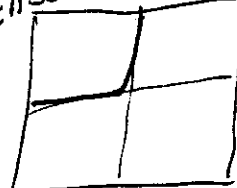
I.R

3



SENSOR

4



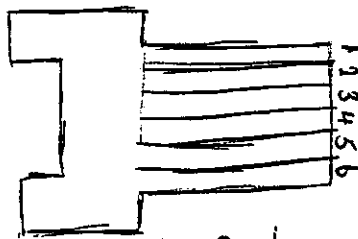
PM

P865RA SENSOR MEDIC'S (3 FOOT)

28/09/00

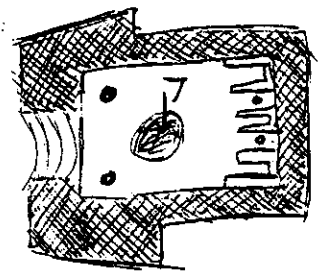
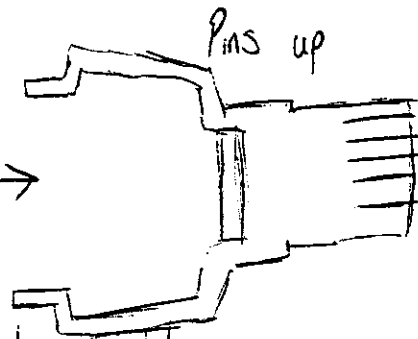
CONNECTOR END.

FACE UP



- 1/ white
- 2/ Black
- 3/ Blue
- 4/ Red
- 5/ Orange
- 6/ Yellow

7/ outershield.

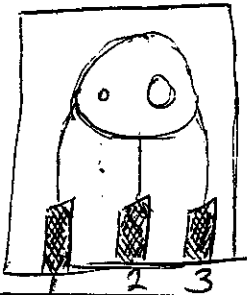


CLIP END.

L.E.D

I.R

FACE UP



SENSOR

FACE DOWN



- 1/ Yellow
- 2/ RED
- 3/ ORANGE
- 4/ white
- 5/ Black

6/ Blue

7/ 20K resistor

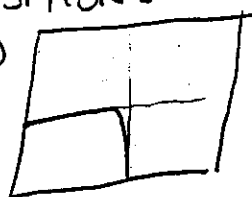


- 1/ clear heatshrink, cable grip.
- 2/ Strip cable down 1/2. Take unershield off.
- 3/ insert wires into connector as in above.
- 4/ solder outershield to casing.
- 5/ Strain relief on clip end 7-8 cm down cable.
- 6/ Strip and take off unershield.
- 7/ leave blue and outershield to attach resistor.
- 8/ L.E.D wire as in above diagram.
- 9/ Sensor wire as in above diagram.
- 10/ Heatshrink blue + resistor.

TEST POSITIONS.

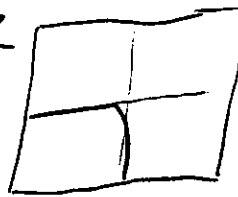
L.E.D

2



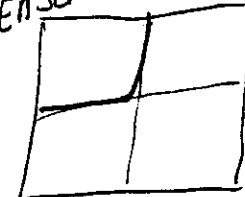
I.R

3



SENSOR

4

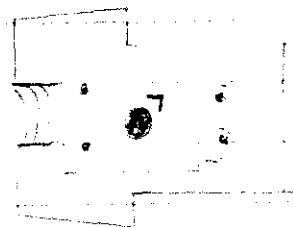
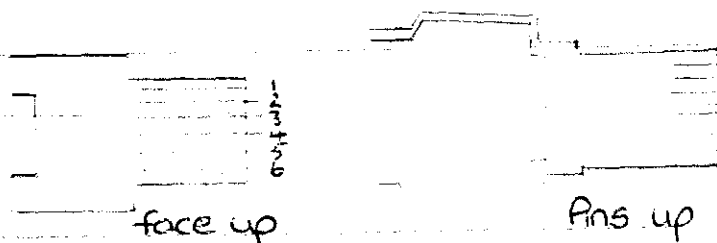


PM

P8652A Sensormedics (3ft)

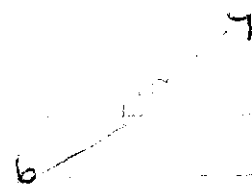
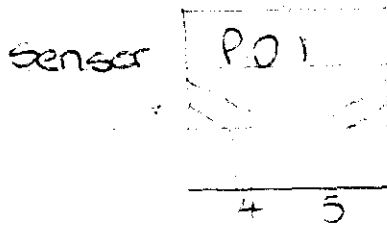
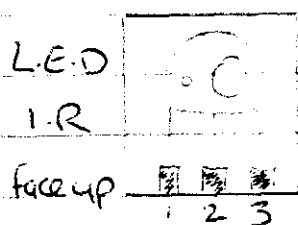
12th Dec 20r

Connector End



1. White , 2. Black , 3. Blue , 4. Red , 5. orange , 6. Yellow
7. outershield.

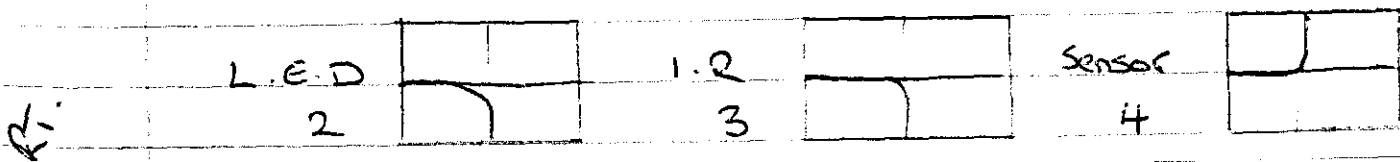
clip End



1. Yellow 2. Red 3. orange 4. white 5. Black 6. Blue
7. 20K resistor

- 1 clear heatshrink , cable grip.
- 2 Strip the cable down 1 1/2 inch , take innershield off.
- 3 insert wires into connector as above.
- 4 solder outershield to casing.
- 5 strain relief on clip end 7-8cm down cable.
- 6 Strip and take off innershield.
- 7 leave blue and outershield to attach the resistor
- 8 L.E.D wire as above. diagram
- 9 sensor wire as above diagram
- 10 Heatshrink blue + resistor

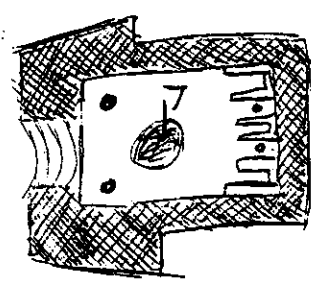
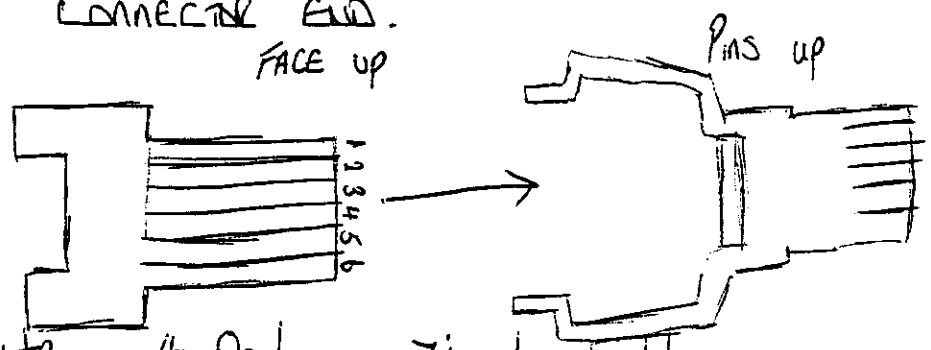
Test positions.



P865RA SENSOR MEDIC'S (3 FOOT)

28/09/00

CONNECTOR END.
FACE UP

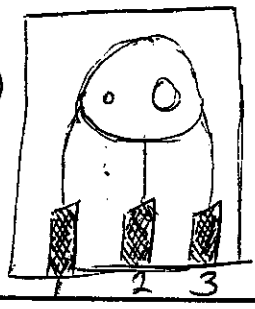


- 1/ white
- 2/ Black
- 3/ Blue
- 4/ Red
- 5/ Orange
- 6/ Yellow

7/ outershield.

CLIP END.

L.E.D
I.R
FACE UP



SENSOR
FACE DOWN



- 1/ Yellow
- 2/ RED
- 3/ ORANGE
- 4/ white
- 5/ Black

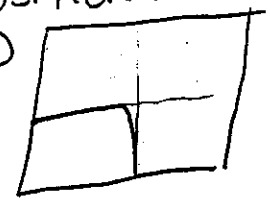
- 6/ Blue
- 7/ 20K resistor



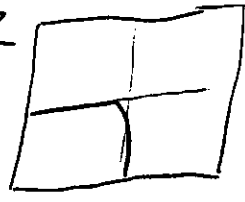
- 1/ clear heatshrink, cable grip.
- 2/ Strip cable down 1/2. Take unershield off.
- 3/ insert wires into connector as in above.
- 4/ solder outershield to casing.
- 5/ Strain relief on clip end 7-8 cm down cable.
- 6/ Strip and take off unershield.
- 7/ leave blue and outershield to attach resistor.
- 8/ L.E.D wire as in above diagram.
- 9/ Sensor wire as in above diagram.
- 10/ Heatshrink blue + resistor.

TEST POSITIONS.

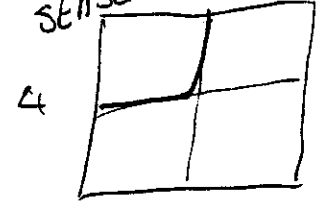
L.E.D
2



I.R
3



SENSOR
4



PM

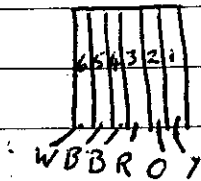
SENSOR MEDIC P865 RA

CONNECTOR

STEP 1 - REPEAT STEP 1 FOR CRITICOM 877, BUT USING CLEAR HEATSHRINK.

STEP 2 - STRIP ~~THE~~ OUTER & INNER CABLES TO SAME LENGTH. TWIST & TIN 2 CM OF THE OUTER SHEILD AND REMOVE INNER SHEILD.

STEP 3 PLACE ALL WIRES INTO CABLE INSERT AS FOLLOWS. -

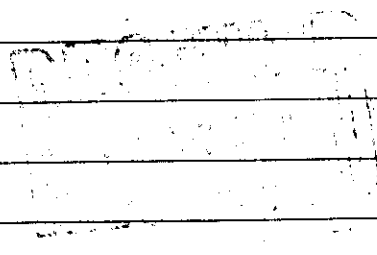


6	WHITE	= 6
5	BLACK	= 5
4	BLUE	= 4
3	RED	= 3
2	ORANGE	= 2
1	YELLOW	= 1

STEP 4 - CLIP WIRES SO THEY ARE FLUSH TO END OF INSERT & SHIELD IS STICKING OUT OF TOP.

STEP 5 - INSERT GOES INTO MAIN BODY UNTIL IT CLICKS, THEN PUT INTO PIN CLAMP.

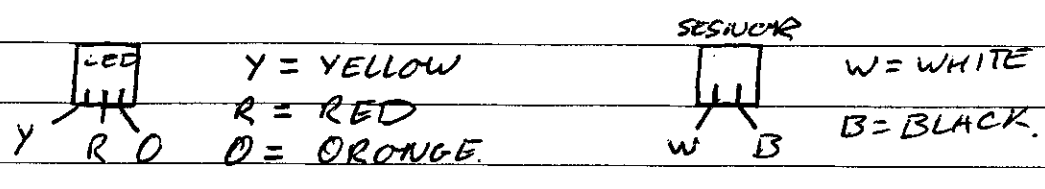
STEP 6 - SOLDER SHIELD TO SHELL, THEN PRESS BOTH SIDES TOGETHER, THEN DO THE TABLE TEST (BANG IT ON THE TABLE A FEW TIMES) TO SEE IF IT HAS CLIPED TOGETHER PROPERLY.



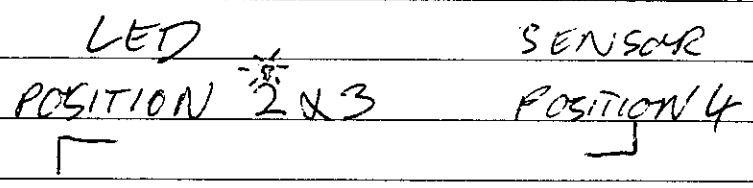
SENSOR MEDIC. P865 RA.
LED & SENSOR.

STEP 2 - PERFORM THE SAME PRECEDURE AS ALL THE REST.

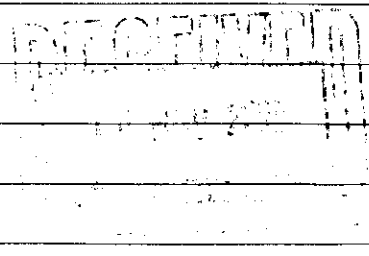
STEP 2 SOLDER WIRES ON AS FOLLOWS.



TEST PATTERN. SOCKET B VIA TEST CABLE.



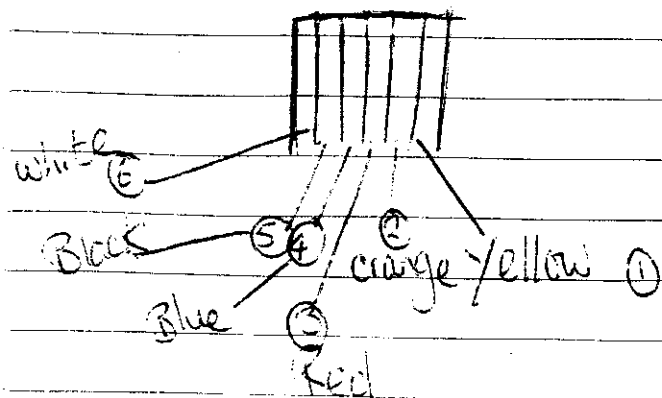
ORANGE MULTI LANGUAGE DO NOT THROW AWAY.
AS FROM 4/10/00 INSTRUCTION BY STEVE NIX



P 865 RA (SENSORMEDICS)

10/5/00

- 1/ clear heatshrink APPROX. SIZE cable grip.
- 2/ cut wires to 3cm. Strip over-shield off.
- 3/ flatten wires to insert into connector.

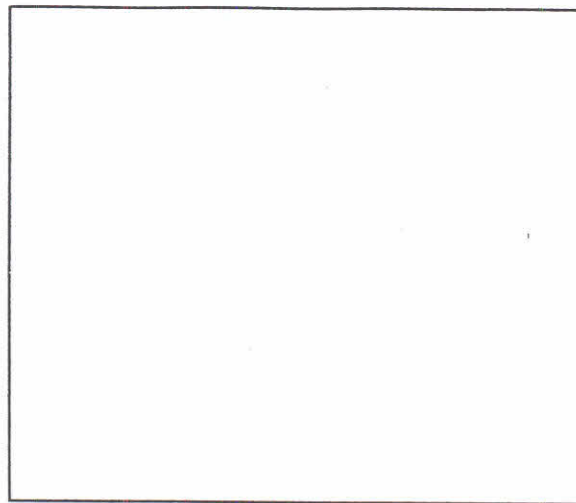


- 1/ yellow (right to left)
- 2/ orange
- 3/ red
- 4/ blue
- 5/ black
- 6/ white

SENSOR MEDICS. SOCKET 'B' WITH TEST LEADS.

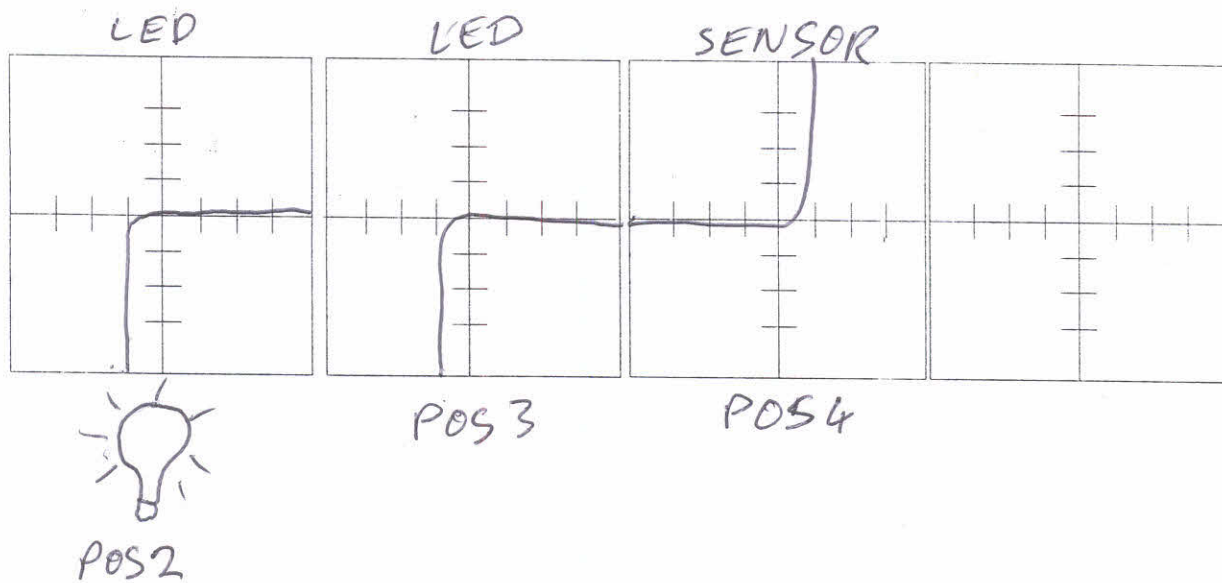
Connector 2 wiring

Pin 1
 Pin 2
 Pin 3
 Pin 4
 Pin 5
 Pin 6
 Pin 7
 Pin 8
 Pin 9

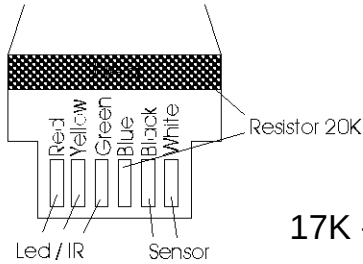
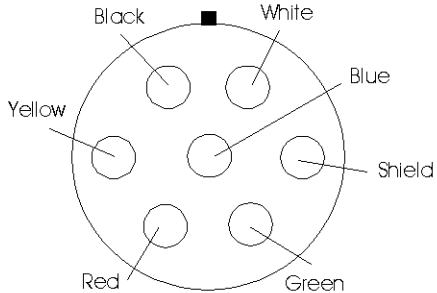
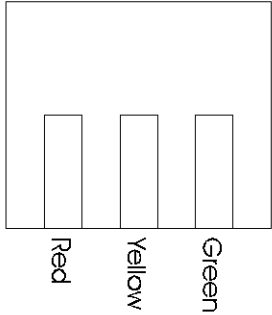
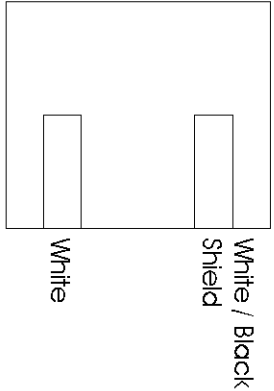
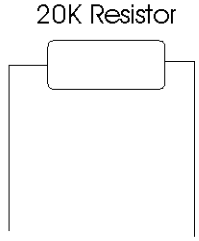
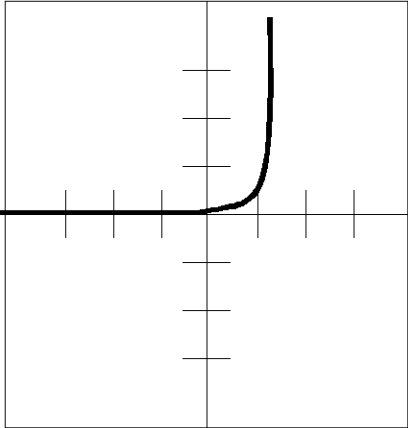
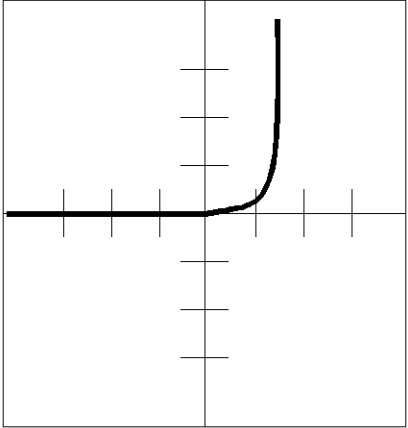


Test Instructions

Test using Test fixture & curve tracer



Drawn BY	
Date	
Checked By	
Date	
Revised By	
Revision Date	
Revision number	

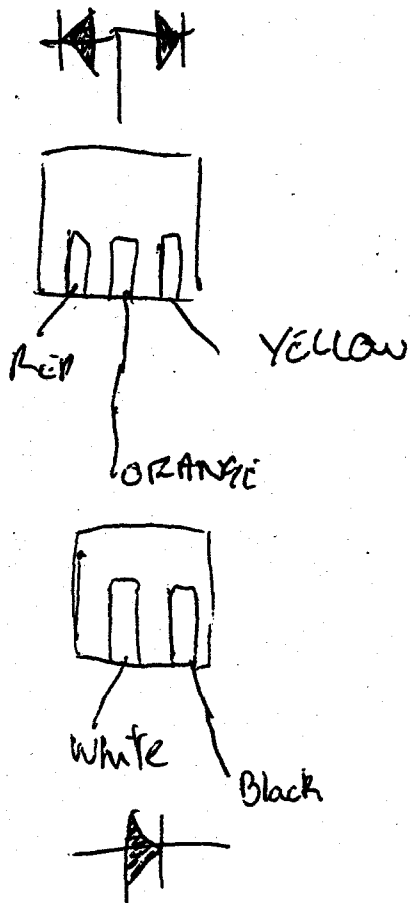
Date		Type	Sensor Medics
Schematic's			
 Resistor 20K 17K - 22Kohm Led / IR Sensor  Led Face Down  Red Yellow Green Sensor Face Down  White White / Black / Shield Front view  20K Resistor Inside Finger Clip Isolated from other wires with silicone rubber under finger pad L.e.d.  Sensor 			
Drawn By:		Signed	

Date

Type

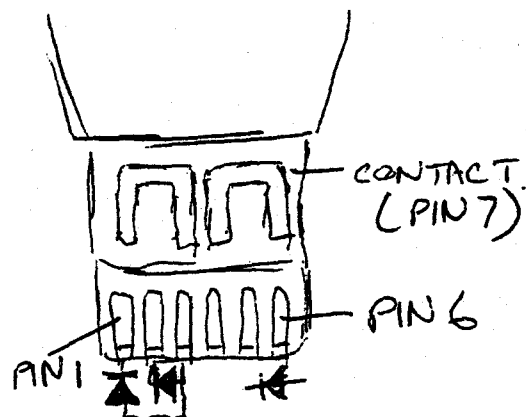
P865RA

SENSORMEDICS



RESISTOR IS IN THE
CLIP BLUE MAIN SHIELD.

CONNECTOR VIEW
WITH PINS TO THE
TOP



- 1, RED - RED
- 2, YELLOW
- 3, ORANGE - common
- 4, BLUE
- 5, BLACK
- 6, WHITE
- 7, MAIN SHIELD.

NB/ PROBE IS USING
SENSORMEDICS OEM L.E.D.
AND SENSOR.

17K →
22K
RESISTOR

I.R.	Red	Sensor

Drawn By:

Signed