



# DB9 Cable assemblies for Viamed Probes & Repairs

Several types of DB9 Cable from many manufacturers including those used by OEM's have been examined and tested in the repair section.

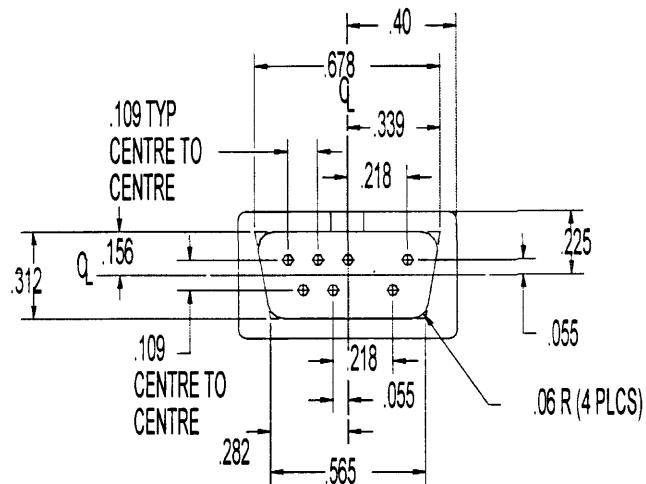
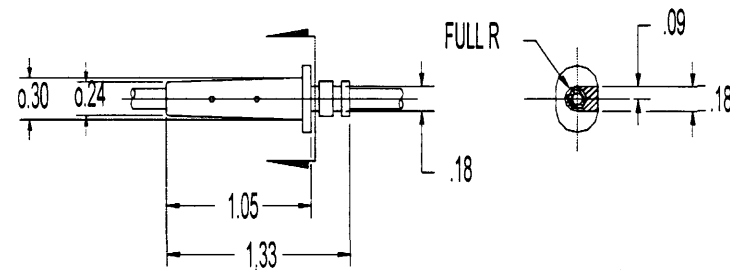
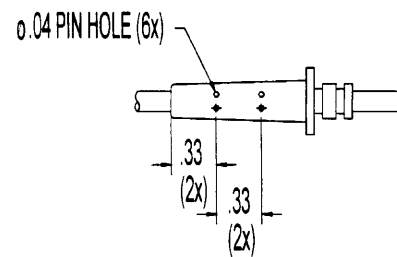
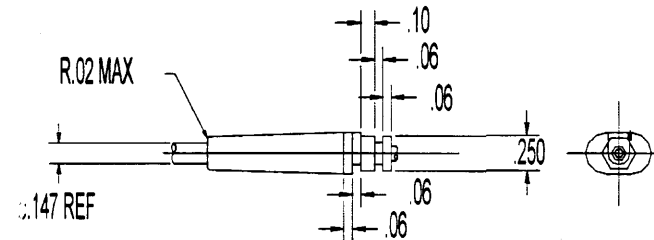
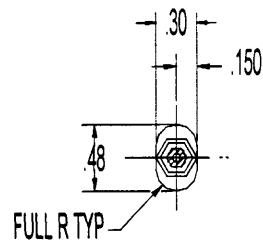
Continuing evaluation is part of the programme

Evaluation of:-

27/9/99

- 1) Cable cover part loose ( at connector moulding)
- 2) Wire covers shrink back when soldered
- 3) Cable sleeve looks cheap and shows wires beneath it too easily - possibly weak looks thin
- 4) Pins hollow- wrong type
- 5) Cable / connector looks cheap : tacky
- 6) Resistor 7.32K out of spec
- 7) Cable twists easily ( could lead to internal breaks)

Signed



DETAIL A

DETAIL B

VIAMED LTD 15 STATION ROAD CROSSHILLS  
KEIGHLEY W.YORKS BD20 7DT UK

TITLE

9 PIN D-TYPE & STRAIN RELIEF

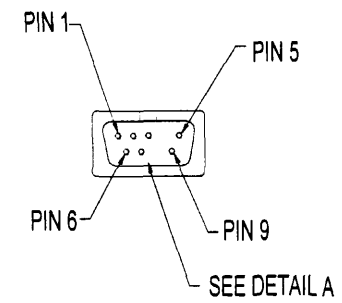
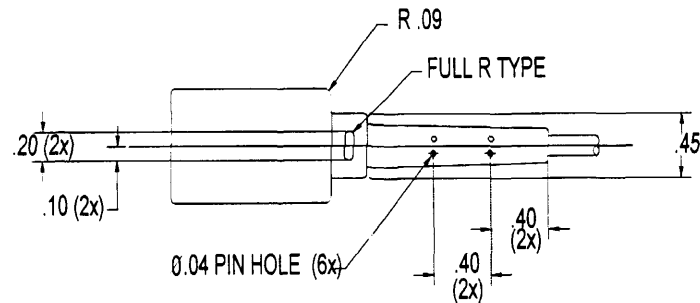
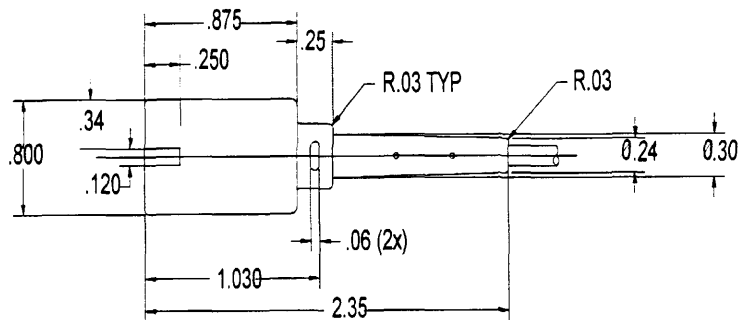
9905103

DIMENSIONS

INCHES

SCALE

DRAWN BY S.VANN

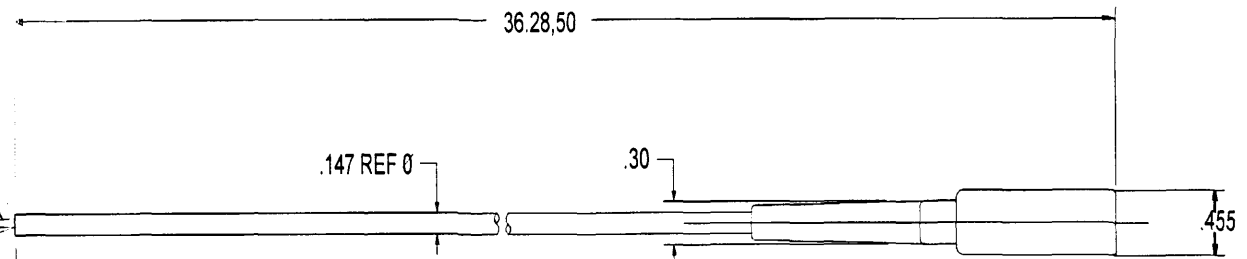


TRIM OUTER SHIELD AND ORANGE WIRE  
FLUSH OR BELOW OUTER JACKET  
RED AND YELLOW WIRES

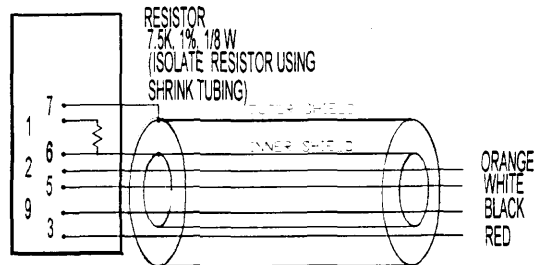
BLACK & WHITE WIRES

.08 TYP

TRIM INNER SHIELD  
FLUSH OR BELOW  
INNER JACKET



| PIN # | WIRE COLOUR         |
|-------|---------------------|
| 1     | RESISTOR            |
| 2     | ORANGE              |
| 3     | RED                 |
| 4     | N/C [4]             |
| 5     | WHITE               |
| 6     | RESISTOR/INNER SHLD |
| 7     | OUTER SHLD          |
| 8     | N/C [4]             |
| 9     | BLACK               |



CONNECTOR/STRAIN RELIEF COLOUR (WHITE)  
MATCHING CABLE COLOUR.  
CONNECTOR/STRAIN RELIEF PVQFDA APPROVED  
MEDICAL GRADE).

CABLE / CONNECTOR SHOULD WITHSTAND MIN. 20LB  
AXIAL PULL FORCE

4 OMIT PINS FROM CONNECTOR

CONTACTS / PINS : PHOSPHOR BRONZE, 040 TYP  
FINISH : 30 INCH GOLD OVER u  
50 IN u NICKLE

## COMPANY

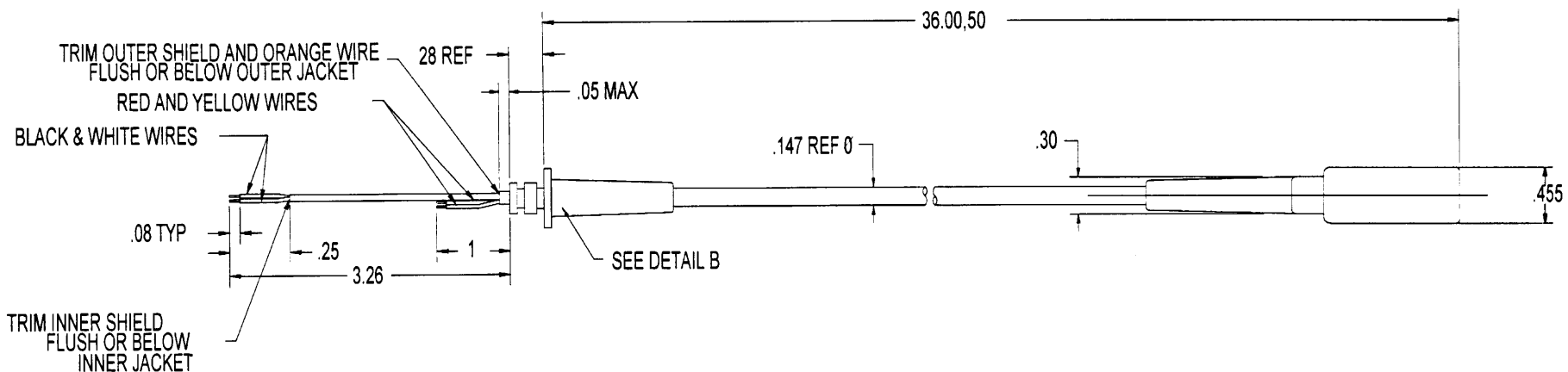
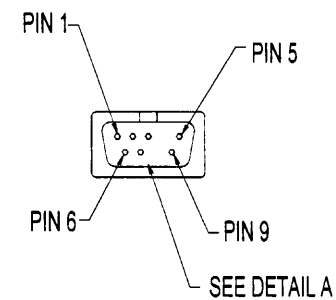
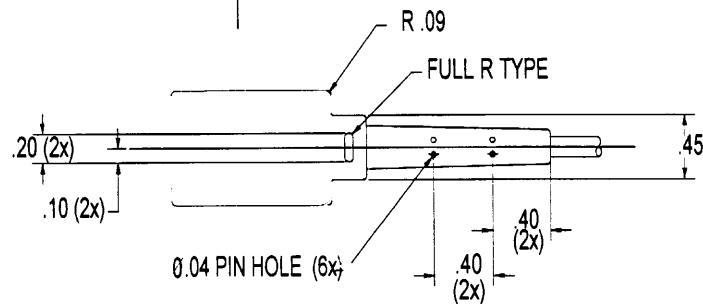
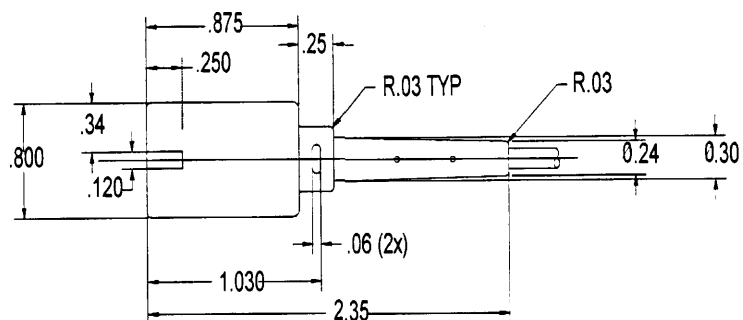
VIAMED LTD 15 STATION ROAD CROSSHILLS KEIGHLEY  
W.YORKS BD20 7DT U.K.

TITLE CABLE ASSEMBLY 9905102

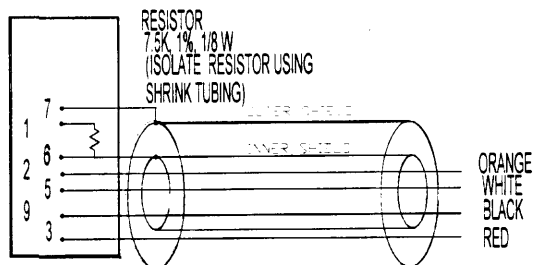
DIMENSIONS INCHES

SCALE

DRAWN BY S.VANN



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 W.YORKS BD20 7DT U.K.

**TITLE** CABLE ASSEMBLY 9905101

**DIMENSIONS** INCHES

**SCALE** **DRAWN BY** S.VANN