

SPEAKER SPECIFICATION

CUSTOMER:

DATE:

CUSTOMER'S PART NO:

SAMPLE NO: SR

EUROTEC PART NO: 59-T83.00-011'

CHECKED BY:

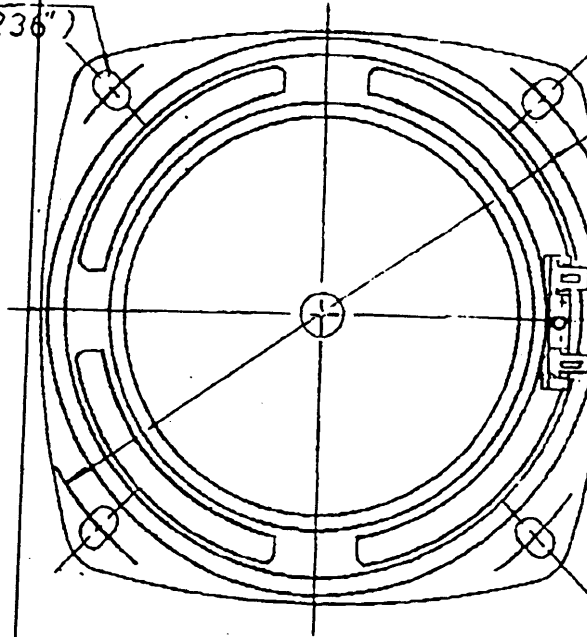
SIZE: 3" Full Range

| ITEM                    | SPECIFICATION                                                                                                     | TEST CONDITION                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------|------------------------------------|
| 1. D.C. Resistance      | Ohm $\pm$ %                                                                                                       |                                    |
| 2. Voice Coil Imp.      | 8 Ohm $\pm$ 15%                                                                                                   | At 400 Hz, 1 V                     |
| 3. Operation            | Must Be Normal                                                                                                    | Program Source V                   |
| 4. Buzzes & Rattles     | Must Be Normal                                                                                                    | Sine Wave 5.3 V                    |
| 5. Resonant Freq. f0    | 110 $\pm$ 22 Hz                                                                                                   | Without Baffle                     |
| 6. Output S.P.L.        | 86.5 $\pm$ 2 dB<br>Mean Value at 300 400 500 600 Hz                                                               | From 1 m Measurement               |
| 7. Freq. Response       | f0 - 20KHz                                                                                                        |                                    |
| 8. Rated Freq. Response | - Hz                                                                                                              |                                    |
| 9. Rated Power Input    | 10W                                                                                                               |                                    |
| 10. Max. Power Input    | W                                                                                                                 |                                    |
| 11. Load Test           | After Test Must Meet Items 3 & 4                                                                                  | White Noise 10 W, 24 Hours         |
| 12. Heat Test           | After Test Must Meet Items 3 & 4                                                                                  | 55 $\pm$ 2 °C, 20-50% R.H. 2 Hrs.  |
| 13. Humidity Test       | After Test Must Meet Items 3 & 4                                                                                  | 40 $\pm$ 2 °C, 90-95% R.H. 48 Hrs. |
| 14. Distortion          | 5 % Max.                                                                                                          | Rated Power Input 400 Hz.          |
| 15. Total Flux          | Maxwell                                                                                                           |                                    |
| 16. Flux Density        | Gauss                                                                                                             |                                    |
| 17. Magnet              | Size: 60mm x 32 mm x 10 mm<br>Material:<br>Weight: 101 grams 3.6oz                                                |                                    |
| 18. Speaker's Weight    | 305 gm 10.76 Oz                                                                                                   |                                    |
| 19. Baffle Opening      | mm                                                                                                                |                                    |
| 20. Condenser/Capacitor | $\mu$ f V                                                                                                         |                                    |
| 21. Cone Material       | Pulp                                                                                                              |                                    |
| 22. Edge Type           | Free                                                                                                              |                                    |
| 23. Edge Material       | Foam                                                                                                              |                                    |
| 24. Edge Shape          | Roll                                                                                                              |                                    |
| 25. Terminal Type       |                                                                                                                   |                                    |
| 26. Polarity            | Apply Positive D.C. to Terminal Marked ( + ) or ( ) or Right Hand Side<br>Lug, The Diaphragm Should Move Forward. |                                    |
| 27. Remarks             |                                                                                                                   |                                    |

59-T83.00-01F

4 - 4.6 X 6  
(4-0.181" X 0.236")

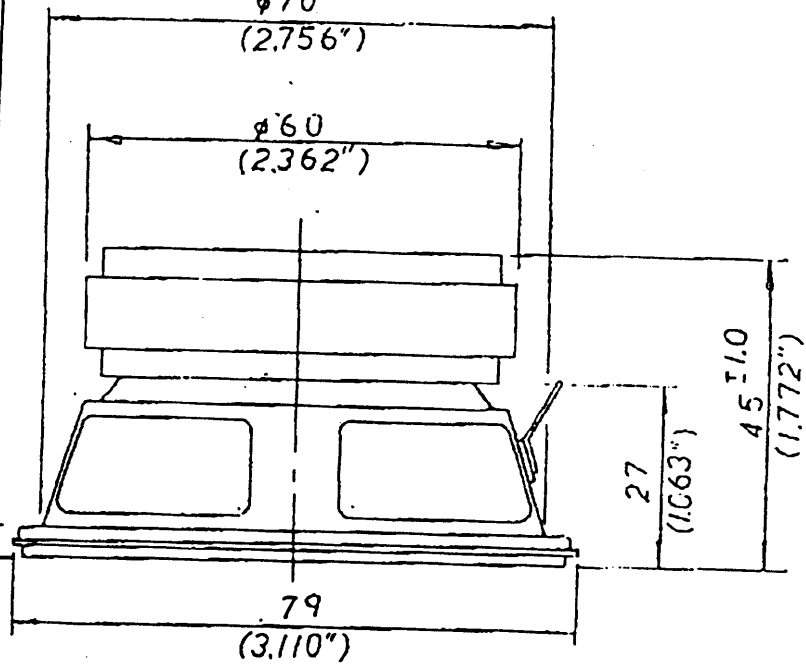
φ 84  
(3.307")



φ 70  
(2.756")

φ 60  
(2.362")

5 ± 0.5  
(0.197")



27

(1.063")

45 ± 1.0  
(1.772")

79  
(3.110")

|       |           |  |  |  |      |             |               |           |         |          |         |
|-------|-----------|--|--|--|------|-------------|---------------|-----------|---------|----------|---------|
|       |           |  |  |  |      | MATERIAL    | _____         | SCALE     | 1       | QUANTITY | _____   |
|       |           |  |  |  |      | FINISH      | _____         | TOLERANCE | ± _____ | ANGLE    | ± _____ |
|       |           |  |  |  |      | TITLE       | 3" SPEAKER    |           |         |          |         |
|       |           |  |  |  |      | DRAWING NO. | 59-T83.00-01F |           |         |          |         |
|       |           |  |  |  |      | 080F0401    |               |           |         |          |         |
| SCALE | REVISIONS |  |  |  | DATE | DATE        |               |           |         |          |         |