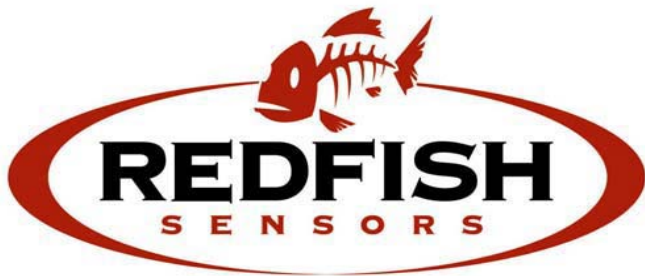


DIMENSIONS ARE FOR REFERENCE ONLY

| PART NUMBER | RGLR-103F-3972 | RoHS COMPLIANT | YES |
|--|----------------|---|-----|
| <u>ELECTRICAL:</u> R25C=10,000 Ohms TOLERANCE +/- 1% BETA= 3972 @ 25/85 OPERATING TEMP -50°C to 300°C | | <u>HOUSING</u> GLASS BEAD 2mm <u>LEADS:</u> 32mm Dumet <u>CONNECTOR:</u> none | |



TEMPERATURE VS RESISTANCE TABLE

Resistance 10k Ohms at 25deg. C

B Value 3972K at 25/85 deg. C

| Temp. (deg. C) | R (k Ohms) | Temp. (deg. C) | R (kOhms) | Temp. (deg. C) | R (kOhms) | Temp. (deg. C) | R (kOhms) |
|-------------------|---------------|-------------------|--------------|-------------------|--------------|-------------------|--------------|
| -20 | 96.3921 | 38 | 5.7844 | 96 | 0.7646 | 154 | 0.1674 |
| -19 | 90.9717 | 39 | 5.5551 | 97 | 0.7420 | 155 | 0.1636 |
| -18 | 85.8901 | 40 | 5.3360 | 98 | 0.7203 | 156 | 0.1600 |
| -17 | 81.1240 | 41 | 5.1267 | 99 | 0.6993 | 157 | 0.1564 |
| -16 | 76.6520 | 42 | 4.9267 | 100 | 0.6790 | 158 | 0.1529 |
| -15 | 72.4543 | 43 | 4.7356 | 101 | 0.6593 | 159 | 0.1496 |
| -14 | 68.5123 | 44 | 4.5529 | 102 | 0.6404 | 160 | 0.1463 |
| -13 | 64.8090 | 45 | 4.3781 | 103 | 0.6220 | 161 | 0.1431 |
| -12 | 61.3286 | 46 | 4.2110 | 104 | 0.6043 | 162 | 0.1400 |
| -11 | 58.0564 | 47 | 4.0511 | 105 | 0.5872 | 163 | 0.1369 |
| -10 | 54.9787 | 48 | 3.8981 | 106 | 0.5706 | 164 | 0.1340 |
| -9 | 52.0828 | 49 | 3.7517 | 107 | 0.5546 | 165 | 0.1311 |
| -8 | 49.3570 | 50 | 3.6115 | 108 | 0.5391 | 166 | 0.1283 |
| -7 | 46.7902 | 51 | 3.4773 | 109 | 0.5241 | 167 | 0.1255 |
| -6 | 44.3723 | 52 | 3.3488 | 110 | 0.5096 | 168 | 0.1229 |
| -5 | 42.0939 | 53 | 3.2256 | 111 | 0.4955 | 169 | 0.1203 |
| -4 | 39.9460 | 54 | 3.1076 | 112 | 0.4820 | 170 | 0.1177 |
| -3 | 37.9206 | 55 | 2.9946 | 113 | 0.4688 | 171 | 0.1153 |
| -2 | 36.0098 | 56 | 2.8862 | 114 | 0.4561 | 172 | 0.1129 |
| -1 | 34.2066 | 57 | 2.7822 | 115 | 0.4437 | 173 | 0.1105 |
| 0 | 32.5043 | 58 | 2.6826 | 116 | 0.4318 | 174 | 0.1083 |
| 1 | 30.8967 | 59 | 2.5870 | 117 | 0.4202 | 175 | 0.1060 |
| 2 | 29.3780 | 60 | 2.4953 | 118 | 0.4090 | 176 | 0.1039 |
| 3 | 27.9429 | 61 | 2.4073 | 119 | 0.3982 | 177 | 0.1017 |
| 4 | 26.5861 | 62 | 2.3228 | 120 | 0.3876 | 178 | 0.0997 |
| 5 | 25.3032 | 63 | 2.2418 | 121 | 0.3774 | 179 | 0.0977 |
| 6 | 24.0895 | 64 | 2.1639 | 122 | 0.3676 | 180 | 0.0957 |
| 7 | 22.9411 | 65 | 2.0892 | 123 | 0.3580 | 181 | 0.0938 |
| 8 | 21.8540 | 66 | 2.0174 | 124 | 0.3487 | 182 | 0.0919 |
| 9 | 20.8246 | 67 | 1.9484 | 125 | 0.3397 | 183 | 0.0901 |
| 10 | 19.8496 | 68 | 1.8821 | 126 | 0.3310 | 184 | 0.0883 |
| 11 | 18.9258 | 69 | 1.8184 | 127 | 0.3225 | 185 | 0.0866 |
| 12 | 18.0502 | 70 | 1.7572 | 128 | 0.3143 | 186 | 0.0849 |
| 13 | 17.2201 | 71 | 1.6983 | 129 | 0.3064 | 187 | 0.0832 |
| 14 | 16.4328 | 72 | 1.6417 | 130 | 0.2986 | 188 | 0.0816 |
| 15 | 15.6860 | 73 | 1.5873 | 131 | 0.2911 | 189 | 0.0800 |
| 16 | 14.9773 | 74 | 1.5349 | 132 | 0.2839 | 190 | 0.0785 |

| | | | | | | | |
|----|---------|----|--------|-----|--------|-----|--------|
| 17 | 14.3045 | 75 | 1.4845 | 133 | 0.2768 | 191 | 0.0770 |
| 18 | 13.6658 | 76 | 1.4360 | 134 | 0.2699 | 192 | 0.0755 |
| 19 | 13.0591 | 77 | 1.3893 | 135 | 0.2633 | 193 | 0.0741 |
| 20 | 12.4827 | 78 | 1.3444 | 136 | 0.2568 | 194 | 0.0727 |
| 21 | 11.9349 | 79 | 1.3011 | 137 | 0.2506 | 195 | 0.0713 |
| 22 | 11.4142 | 80 | 1.2595 | 138 | 0.2445 | 196 | 0.0700 |
| 23 | 10.9190 | 81 | 1.2194 | 139 | 0.2386 | 197 | 0.0687 |
| 24 | 10.4481 | 82 | 1.1807 | 140 | 0.2328 | 198 | 0.0674 |
| 25 | 10.0000 | 83 | 1.1434 | 141 | 0.2272 | 199 | 0.0662 |
| 26 | 9.5736 | 84 | 1.1076 | 142 | 0.2218 | 200 | 0.0650 |
| 27 | 9.1677 | 85 | 1.0730 | 143 | 0.2165 | | |
| 28 | 8.7812 | 86 | 1.0396 | 144 | 0.2114 | | |
| 29 | 8.4131 | 87 | 1.0075 | 145 | 0.2064 | | |
| 30 | 8.0623 | 88 | 0.9764 | 146 | 0.2016 | | |
| 31 | 7.7281 | 89 | 0.9465 | 147 | 0.1969 | | |
| 32 | 7.4096 | 90 | 0.9177 | 148 | 0.1923 | | |
| 33 | 7.1059 | 91 | 0.8899 | 149 | 0.1879 | | |
| 34 | 6.8162 | 92 | 0.8630 | 150 | 0.1836 | | |
| 35 | 6.5399 | 93 | 0.8371 | 151 | 0.1793 | | |
| 36 | 6.2762 | 94 | 0.8120 | 152 | 0.1753 | | |
| 37 | 6.0246 | 95 | 0.7879 | 153 | 0.1713 | | |