



| FEATURES |                                 |
|----------|---------------------------------|
| ▪        | PC. board mountable             |
| ▪        | Low cost                        |
| ▪        | Rugged design                   |
| ▪        | Solderable leads                |
| ▪        | Versatile                       |
| ▪        | Available on tape and reel      |
| ▪        | .1 inch to .4 inch diameter     |
| ▪        | Res values from 100 Ω to 100K Ω |
| ▪        | Tinned copper leads             |

**DISC Thermistors** are ideally suited for low cost applications with a maximum temperature of 150° C. They lend themselves to be P.C. board mounted. Other lead styles available upon request.

| DISC THERMISTORS * 10% Tolerance @ 25° C |           |                  |      |             |             |           |              |     |
|--|-----------|------------------|------|-------------|-------------|-----------|--------------|-----|
| Resis. at 25° C (Ohms)                   | R-T Curve | Part Number      | Fig. | D.C. (min.) | T.C. (max.) | Lead Dia. | Lead Spacing | D   |
| 500                                      | 10        | 140-501FAG-RB1 Ⓣ | 1    | 3           | 10          | .016      | .1           | .1  |
| 500                                      | 10        | 142-501FAG-RB1   | 2    | 3           | 10          | .016      | .1           | .15 |
| 1,000                                    | 10        | 140-102FAG-RB1 Ⓣ | 1    | 4           | 10          | .016      | .1           | .1  |
| 1,000                                    | 10        | 142-102FAG-RB1   | 2    | 4           | 10          | .016      | .1           | .15 |
| 3,000                                    | 16        | 140-302LAG-RB1 Ⓣ | 1    | 3           | 10          | .016      | .1           | .1  |
| 3,000                                    | 16        | 142-302LAG-RB1   | 2    | 3           | 10          | .016      | .1           | .15 |
| 5,000                                    | 16        | 140-502LAG-RB1 Ⓣ | 1    | 4           | 10          | .016      | .1           | .1  |
| 5,000                                    | 16        | 142-502LAG-RB1   | 2    | 4           | 10          | .016      | .1           | .15 |
| 10,000                                   | 16        | 140-103LAG-RB1 Ⓣ | 1    | 4           | 10          | .016      | .1           | .1  |
| 10,000                                   | 16        | 142-103LAG-RB1 Ⓣ | 2    | 4           | 10          | .016      | .1           | .15 |
| 50,000                                   | 1         | 140-503OAG-RB1   | 1    | 3           | 10          | .016      | .1           | .1  |
| 50,000                                   | 1         | 142-503OAG-RB1   | 2    | 3           | 10          | .016      | .1           | .15 |
| 100,000                                  | 1         | 140-104OAG-RB1 Ⓣ | 1    | 3           | 10          | .016      | .1           | .1  |
| 100,000                                  | 1         | 142-104OAG-RB1   | 2    | 3           | 10          | .016      | .1           | .15 |
| 100                                      | 10        | 143-101FAG-RC1 Ⓣ | 1    | 4           | 16          | .020      | .2           | .2  |
| 100                                      | 10        | 145-101FAG-RC1 Ⓣ | 2    | 4           | 16          | .020      | .2           | .25 |
| 200                                      | 10        | 143-201FAG-RC1 Ⓣ | 1    | 5           | 18          | .020      | .2           | .2  |
| 200                                      | 10        | 145-201FAG-RC1   | 2    | 5           | 18          | .020      | .2           | .25 |
| 300                                      | 10        | 143-301FAG-RC1 Ⓣ | 1    | 6           | 20          | .020      | .2           | .2  |
| 300                                      | 10        | 145-301FAG-RC1   | 2    | 6           | 20          | .020      | .2           | .25 |
| 500                                      | 10        | 143-501FAG-RC1 Ⓣ | 1    | 6           | 25          | .020      | .2           | .2  |
| 500                                      | 10        | 145-501FAG-RC1   | 2    | 6           | 25          | .020      | .2           | .25 |
| 1,000                                    | 16        | 143-102LAG-RC1 Ⓣ | 1    | 6           | 20          | .020      | .2           | .2  |
| 1,000                                    | 16        | 145-102LAG-RC1 Ⓣ | 2    | 6           | 20          | .020      | .2           | .25 |
| 3,000                                    | 16        | 143-302LAG-RC1 Ⓣ | 1    | 6           | 22          | .020      | .2           | .2  |
| 3,000                                    | 16        | 145-302LAG-RC1   | 2    | 6           | 22          | .020      | .2           | .25 |
| 5,000                                    | 16        | 143-502LAG-RC1 Ⓣ | 1    | 7           | 35          | .020      | .2           | .2  |
| 5,000                                    | 16        | 145-502LAG-RC1   | 2    | 7           | 35          | .020      | .2           | .25 |
| 10,000                                   | 1         | 143-103OAG-RC1 Ⓣ | 1    | 4           | 20          | .020      | .2           | .2  |
| 10,000                                   | 1         | 145-103OAG-RC1   | 2    | 4           | 20          | .020      | .2           | .25 |
| 30,000                                   | 1         | 143-303OAG-RC1 Ⓣ | 1    | 6           | 25          | .020      | .2           | .2  |
| 30,000                                   | 1         | 145-303OAG-RC1   | 2    | 7           | 28          | .020      | .2           | .25 |
| 50,000                                   | 1         | 143-503OAG-RC1 Ⓣ | 1    | 7           | 30          | .020      | .2           | .2  |
| 50,000                                   | 1         | 145-503OAG-RC1   | 2    | 8           | 32          | .020      | .2           | .25 |

\* Also offered in 1,2,5 and 20% tolerances.

Ⓣ = Distributor item