

| 品号 | Directional | Package | Marking | Pppm(W) | TJ(°C) | RθJL(°C/W) | RθJA(°C/W) |
|-----------|-------------|---------|---------|---------|------------|------------|------------|
| | | | | MAX | | TYP | TYP |
| SMCJ5.0CA | Bi | SMC | BDE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ6.0CA | Bi | SMC | BDG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ6.5CA | Bi | SMC | BDK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ7.0CA | Bi | SMC | BDM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ7.5CA | Bi | SMC | BDP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ8.0CA | Bi | SMC | BDR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ8.5CA | Bi | SMC | BDT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ9.0CA | Bi | SMC | BDV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ10CA | Bi | SMC | BDX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ11CA | Bi | SMC | BDZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ12CA | Bi | SMC | BEE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ13CA | Bi | SMC | BEG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ14CA | Bi | SMC | BEK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ15CA | Bi | SMC | BEM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ16CA | Bi | SMC | BEP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ17CA | Bi | SMC | BER | 1500 | -55 to 150 | 15 | 75 |
| SMCJ18CA | Bi | SMC | BET | 1500 | -55 to 150 | 15 | 75 |
| SMCJ20CA | Bi | SMC | BEV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ22CA | Bi | SMC | BEX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ24CA | Bi | SMC | BEZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ26CA | Bi | SMC | BFE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ28CA | Bi | SMC | BFG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ30CA | Bi | SMC | BFK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ33CA | Bi | SMC | BFM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ36CA | Bi | SMC | BFP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ40CA | Bi | SMC | BFR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ43CA | Bi | SMC | BFT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ45CA | Bi | SMC | BFV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ48CA | Bi | SMC | BFX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ51CA | Bi | SMC | BFZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ54CA | Bi | SMC | BGE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ58CA | Bi | SMC | BGG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ60CA | Bi | SMC | BGK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ64CA | Bi | SMC | BGM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ70CA | Bi | SMC | BGP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ75CA | Bi | SMC | BGR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ78CA | Bi | SMC | BGT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ85CA | Bi | SMC | BGV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ90CA | Bi | SMC | BGX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ100CA | Bi | SMC | BGZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ110CA | Bi | SMC | BHE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ120CA | Bi | SMC | BHG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ130CA | Bi | SMC | BHK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ150CA | Bi | SMC | BHM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ160CA | Bi | SMC | BHP | 1500 | -55 to 150 | 15 | 75 |

| | | | | | | | |
|-----------|-----|-----|-----|------|------------|----|----|
| SMCJ170CA | Bi | SMC | BHR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ180CA | Bi | SMC | BHT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ200CA | Bi | SMC | BHV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ220CA | Bi | SMC | BHX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ250CA | Bi | SMC | BHZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ300CA | Bi | SMC | BJE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ350CA | Bi | SMC | BJG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ400CA | Bi | SMC | BJK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ440CA | Bi | SMC | BJM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ5.0A | Uni | SMC | GDE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ6.0A | Uni | SMC | GDG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ6.5A | Uni | SMC | GDK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ7.0A | Uni | SMC | GDM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ7.5A | Uni | SMC | GDP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ8.0A | Uni | SMC | GDR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ8.5A | Uni | SMC | GDT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ9.0A | Uni | SMC | GDV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ10A | Uni | SMC | GDZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ11A | Uni | SMC | GDZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ12A | Uni | SMC | GEE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ13A | Uni | SMC | GEG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ14A | Uni | SMC | GEK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ15A | Uni | SMC | GEM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ16A | Uni | SMC | GEP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ17A | Uni | SMC | GER | 1500 | -55 to 150 | 15 | 75 |
| SMCJ18A | Uni | SMC | GET | 1500 | -55 to 150 | 15 | 75 |
| SMCJ20A | Uni | SMC | GEV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ22A | Uni | SMC | GEX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ24A | Uni | SMC | GEZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ26A | Uni | SMC | GFE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ28A | Uni | SMC | GFG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ30A | Uni | SMC | GFK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ33A | Uni | SMC | GFM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ36A | Uni | SMC | GFP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ40A | Uni | SMC | GFR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ43A | Uni | SMC | GFT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ45A | Uni | SMC | GFV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ48A | Uni | SMC | GFX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ51A | Uni | SMC | GFZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ54A | Uni | SMC | GGE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ58A | Uni | SMC | GGG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ60A | Uni | SMC | GGK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ64A | Uni | SMC | GGM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ70A | Uni | SMC | GGP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ75A | Uni | SMC | GGR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ78A | Uni | SMC | GGT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ85A | Uni | SMC | GGV | 1500 | -55 to 150 | 15 | 75 |

| | | | | | | | |
|----------|-----|-----|-----|------|------------|----|----|
| SMCJ90A | Uni | SMC | GGX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ100A | Uni | SMC | GGZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ110A | Uni | SMC | GHE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ120A | Uni | SMC | GHG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ130A | Uni | SMC | GHK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ150A | Uni | SMC | GHM | 1500 | -55 to 150 | 15 | 75 |
| SMCJ160A | Uni | SMC | GHP | 1500 | -55 to 150 | 15 | 75 |
| SMCJ170A | Uni | SMC | GHR | 1500 | -55 to 150 | 15 | 75 |
| SMCJ180A | Uni | SMC | GHT | 1500 | -55 to 150 | 15 | 75 |
| SMCJ200A | Uni | SMC | GHV | 1500 | -55 to 150 | 15 | 75 |
| SMCJ220A | Uni | SMC | GHX | 1500 | -55 to 150 | 15 | 75 |
| SMCJ250A | Uni | SMC | GHZ | 1500 | -55 to 150 | 15 | 75 |
| SMCJ300A | Uni | SMC | GJE | 1500 | -55 to 150 | 15 | 75 |
| SMCJ350A | Uni | SMC | GJG | 1500 | -55 to 150 | 15 | 75 |
| SMCJ400A | Uni | SMC | GJK | 1500 | -55 to 150 | 15 | 75 |
| SMCJ440A | Uni | SMC | GJM | 1500 | -55 to 150 | 15 | 75 |

| IR(μ A) | VR(V) | VBR(V) | | IT(mA) | VC(V) | IPP(A) | CJ(pF) | |
|--------------|-------|--------|------|--------|-------|--------|----------|----------|
| | | Min | Max | | | | VBIAS=0V | VBIAS=VR |
| 800 | 5 | 6.4 | 7 | 10 | 9.2 | 163 | 7500 | 6000 |
| 800 | 6 | 6.67 | 7.37 | 10 | 10.3 | 145.7 | 7138 | 5626 |
| 500 | 6.5 | 7.22 | 7.98 | 10 | 11.2 | 134 | 6563 | 5043 |
| 200 | 7 | 7.78 | 8.6 | 10 | 12 | 125 | 6063 | 4550 |
| 100 | 7.5 | 8.33 | 9.21 | 1 | 12.9 | 116.3 | 5639 | 4140 |
| 50 | 8 | 8.89 | 9.83 | 1 | 13.6 | 110.3 | 5263 | 3785 |
| 20 | 8.5 | 9.44 | 10.4 | 1 | 14.4 | 104.2 | 4949 | 3494 |
| 10 | 9 | 10 | 11.1 | 1 | 15.4 | 97.4 | 4637 | 3209 |
| 5 | 10 | 11.1 | 12.3 | 1 | 17 | 88.3 | 4155 | 2783 |
| 1 | 11 | 12.2 | 13.5 | 1 | 18.2 | 82.5 | 3763 | 2446 |
| 1 | 12 | 13.3 | 14.7 | 1 | 19.9 | 75.4 | 3436 | 2173 |
| 1 | 13 | 14.4 | 15.9 | 1 | 21.5 | 69.8 | 3160 | 1949 |
| 1 | 14 | 15.6 | 17.2 | 1 | 23.2 | 64.7 | 2906 | 1748 |
| 1 | 15 | 16.7 | 18.5 | 1 | 24.4 | 61.5 | 2697 | 1585 |
| 1 | 16 | 17.8 | 19.7 | 1 | 26 | 57.7 | 2522 | 1453 |
| 1 | 17 | 18.9 | 20.9 | 1 | 27.6 | 54.4 | 2368 | 1339 |
| 1 | 18 | 20 | 22.1 | 1 | 29.2 | 51.4 | 2231 | 1239 |
| 1 | 20 | 22.2 | 24.5 | 1 | 32.4 | 46.3 | 1999 | 1074 |
| 1 | 22 | 24.4 | 26.9 | 1 | 35.5 | 42.3 | 1809 | 944 |
| 1 | 24 | 26.7 | 29.5 | 1 | 38.9 | 38.6 | 1643 | 832 |
| 1 | 26 | 28.9 | 31.9 | 1 | 42.1 | 35.7 | 1511 | 747 |
| 1 | 28 | 31.1 | 34.4 | 1 | 45.4 | 33.1 | 1397 | 674 |
| 1 | 30 | 33.3 | 36.8 | 1 | 48.4 | 31 | 1300 | 614 |
| 1 | 33 | 36.7 | 40.6 | 1 | 53.3 | 28.2 | 1172 | 536 |
| 1 | 36 | 40 | 44.2 | 1 | 58.1 | 25.9 | 1071 | 477 |
| 1 | 40 | 44.4 | 49.1 | 1 | 64.5 | 23.3 | 958 | 413 |
| 1 | 43 | 47.8 | 52.8 | 1 | 69.4 | 21.7 | 887 | 373 |
| 1 | 45 | 50 | 55.3 | 1 | 72.7 | 20.6 | 845 | 350 |
| 1 | 48 | 53.3 | 58.9 | 1 | 77.4 | 19.4 | 790 | 321 |
| 1 | 51 | 56.7 | 62.7 | 1 | 82.4 | 18.2 | 740 | 295 |
| 1 | 54 | 60 | 66.3 | 1 | 87.1 | 17.3 | 697 | 273 |
| 1 | 58 | 64.4 | 71.2 | 1 | 93.6 | 16.1 | 646 | 247 |
| 1 | 60 | 66.7 | 73.7 | 1 | 96.8 | 15.5 | 623 | 236 |
| 1 | 64 | 71.1 | 78.6 | 1 | 103 | 14.6 | 582 | 216 |
| 1 | 70 | 77.8 | 86 | 1 | 113 | 13.3 | 529 | 191 |
| 1 | 75 | 83.3 | 92.1 | 1 | 121 | 12.4 | 492 | 173 |
| 1 | 78 | 86.7 | 95.8 | 1 | 126 | 11.9 | 472 | 164 |
| 1 | 85 | 94.4 | 104 | 1 | 137 | 11 | 432 | 146 |
| 1 | 90 | 100 | 111 | 1 | 146 | 10.3 | 405 | 134 |
| 1 | 100 | 111 | 123 | 1 | 162 | 9.3 | 363 | 117 |
| 1 | 110 | 122 | 135 | 1 | 177 | 8.5 | 328 | 102 |
| 1 | 120 | 133 | 147 | 1 | 193 | 7.8 | 300 | 91 |
| 1 | 130 | 144 | 159 | 1 | 209 | 7.2 | 276 | 82 |
| 1 | 150 | 167 | 185 | 1 | 243 | 6.2 | 235 | 66 |
| 1 | 160 | 178 | 197 | 1 | 259 | 5.8 | 220 | 61 |

| | | | | | | | | |
|-----|-----|------|------|----|------|-------|-------|------|
| 1 | 170 | 189 | 209 | 1 | 275 | 5.5 | 207 | 56 |
| 1 | 180 | 201 | 222 | 1 | 292 | 5.1 | 194 | 52 |
| 1 | 200 | 224 | 247 | 1 | 324 | 4.6 | 173 | 44 |
| 1 | 220 | 246 | 272 | 1 | 356 | 4.2 | 156 | 39 |
| 1 | 250 | 279 | 309 | 1 | 405 | 3.7 | 137 | 33 |
| 1 | 300 | 335 | 371 | 1 | 486 | 3.1 | 113 | 25 |
| 1 | 350 | 391 | 432 | 1 | 567 | 2.6 | 96 | 21 |
| 1 | 400 | 447 | 494 | 1 | 648 | 2.3 | 83 | 17 |
| 1 | 440 | 492 | 543 | 1 | 713 | 2.1 | 75 | 15 |
| 800 | 5 | 6.4 | 7 | 10 | 9.2 | 163 | 11250 | 4875 |
| 800 | 6 | 6.67 | 7.37 | 10 | 10.3 | 145.7 | 10766 | 4593 |
| 500 | 6.5 | 7.22 | 7.98 | 10 | 11.2 | 134 | 9991 | 4149 |
| 200 | 7 | 7.78 | 8.6 | 10 | 12 | 125 | 9312 | 3771 |
| 100 | 7.5 | 8.33 | 9.21 | 1 | 12.9 | 116.3 | 8731 | 3455 |
| 50 | 8 | 8.89 | 9.83 | 1 | 13.6 | 110.3 | 8211 | 3179 |
| 20 | 8.5 | 9.44 | 10.4 | 1 | 14.4 | 104.2 | 7774 | 2951 |
| 10 | 9 | 10 | 11.1 | 1 | 15.4 | 97.4 | 7336 | 2728 |
| 5 | 10 | 11.1 | 12.3 | 1 | 17 | 88.3 | 6655 | 2390 |
| 1 | 11 | 12.2 | 13.5 | 1 | 18.2 | 82.5 | 6093 | 2120 |
| 1 | 12 | 13.3 | 14.7 | 1 | 19.9 | 75.4 | 5620 | 1900 |
| 1 | 13 | 14.4 | 15.9 | 1 | 21.5 | 69.8 | 5218 | 1717 |
| 1 | 14 | 15.6 | 17.2 | 1 | 23.2 | 64.7 | 4842 | 1552 |
| 1 | 15 | 16.7 | 18.5 | 1 | 24.4 | 61.5 | 4531 | 1418 |
| 1 | 16 | 17.8 | 19.7 | 1 | 26 | 57.7 | 4269 | 1307 |
| 1 | 17 | 18.9 | 20.9 | 1 | 27.6 | 54.4 | 4036 | 1211 |
| 1 | 18 | 20 | 22.1 | 1 | 29.2 | 51.4 | 3828 | 1127 |
| 1 | 20 | 22.2 | 24.5 | 1 | 32.4 | 46.3 | 3472 | 987 |
| 1 | 22 | 24.4 | 26.9 | 1 | 35.5 | 42.3 | 3178 | 876 |
| 1 | 24 | 26.7 | 29.5 | 1 | 38.9 | 38.6 | 2916 | 779 |
| 1 | 26 | 28.9 | 31.9 | 1 | 42.1 | 35.7 | 2708 | 705 |
| 1 | 28 | 31.1 | 34.4 | 1 | 45.4 | 33.1 | 2525 | 641 |
| 1 | 30 | 33.3 | 36.8 | 1 | 48.4 | 31 | 2368 | 587 |
| 1 | 33 | 36.7 | 40.6 | 1 | 53.3 | 28.2 | 2160 | 518 |
| 1 | 36 | 40 | 44.2 | 1 | 58.1 | 25.9 | 1993 | 465 |
| 1 | 40 | 44.4 | 49.1 | 1 | 64.5 | 23.3 | 1806 | 406 |
| 1 | 43 | 47.8 | 52.8 | 1 | 69.4 | 21.7 | 1685 | 370 |
| 1 | 45 | 50 | 55.3 | 1 | 72.7 | 20.6 | 1614 | 349 |
| 1 | 48 | 53.3 | 58.9 | 1 | 77.4 | 19.4 | 1521 | 322 |
| 1 | 51 | 56.7 | 62.7 | 1 | 82.4 | 18.2 | 1434 | 297 |
| 1 | 54 | 60 | 66.3 | 1 | 87.1 | 17.3 | 1360 | 277 |
| 1 | 58 | 64.4 | 71.2 | 1 | 93.6 | 16.1 | 1272 | 253 |
| 1 | 60 | 66.7 | 73.7 | 1 | 96.8 | 15.5 | 1231 | 242 |
| 1 | 64 | 71.1 | 78.6 | 1 | 103 | 14.6 | 1159 | 223 |
| 1 | 70 | 77.8 | 86 | 1 | 113 | 13.3 | 1065 | 198 |
| 1 | 75 | 83.3 | 92.1 | 1 | 121 | 12.4 | 999 | 182 |
| 1 | 78 | 86.7 | 95.8 | 1 | 126 | 11.9 | 962 | 173 |
| 1 | 85 | 94.4 | 104 | 1 | 137 | 11 | 889 | 155 |

| | | | | | | | | |
|---|-----|-----|-----|---|-----|------|-----|-----|
| 1 | 90 | 100 | 111 | 1 | 146 | 10.3 | 839 | 143 |
| 1 | 100 | 111 | 123 | 1 | 162 | 9.3 | 761 | 126 |
| 1 | 110 | 122 | 135 | 1 | 177 | 8.5 | 697 | 112 |
| 1 | 120 | 133 | 147 | 1 | 193 | 7.8 | 643 | 100 |
| 1 | 130 | 144 | 159 | 1 | 209 | 7.2 | 597 | 90 |
| 1 | 150 | 167 | 185 | 1 | 243 | 6.2 | 518 | 75 |
| 1 | 160 | 178 | 197 | 1 | 259 | 5.8 | 488 | 69 |
| 1 | 170 | 189 | 209 | 1 | 275 | 5.5 | 462 | 64 |
| 1 | 180 | 201 | 222 | 1 | 292 | 5.1 | 436 | 59 |
| 1 | 200 | 224 | 247 | 1 | 324 | 4.6 | 394 | 51 |
| 1 | 220 | 246 | 272 | 1 | 356 | 4.2 | 360 | 45 |
| 1 | 250 | 279 | 309 | 1 | 405 | 3.7 | 320 | 39 |
| 1 | 300 | 335 | 371 | 1 | 486 | 3.1 | 269 | 31 |
| 1 | 350 | 391 | 432 | 1 | 567 | 2.6 | 233 | 25 |
| 1 | 400 | 447 | 494 | 1 | 648 | 2.3 | 205 | 21 |
| 1 | 440 | 492 | 543 | 1 | 713 | 2.1 | 188 | 19 |