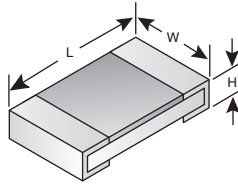


IRC Resistors

PFC SERIES TANFILM 0.1% 25 PPM SMD THIN FILM RESISTORS

Features:

- Available in 0603, 0805, 1206
- Temperature Coefficient = 25ppm
- Passivated TanFilm element
- Tolerance= 0.1%
- Wrap-around termination
- Leach resistant nickel barrier termination



| Size | MOUSER STOCK NO. | IRC Part No. | Range of Values in (Ω) See Table | Price Each | | | |
|-------|--------------------|----------------|----------------------------------|------------|-----|-----|-----|
| | | | | 1 | 50 | 100 | 500 |
| *0603 | 66-PFC06LF-Value-B | PFC06C-value-B | 10(Ω) to 100K | .71 | .55 | .47 | .41 |
| *0805 | 66-PFC08LF-Value-B | PFC08C-value-B | 10(Ω) to 267K | .97 | .94 | .90 | .87 |
| 1206 | 66-PFC12LF-Value-B | PFC12C-value-B | 10(Ω) to 1Meg | .97 | .94 | .90 | .87 |

| Size | Watt | DIMENSIONS: in. | | |
|------|------|-----------------|-----------|-----------|
| | | L | W | H |
| 0603 | .1 | .063±.004 | .031±.004 | .020±.004 |
| 0805 | .25 | .081±.005 | .050±.005 | .020±.006 |
| 1206 | .33 | .126±.006 | .063±.005 | .024±.004 |

TABLE OF STOCKED VALUES *Values not available in all sizes

| | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 10 | 20 | 42.2 | 84.5 | 140 | 221 | 365 | 590 | 931 | 1.5K | 2.37K | 3.74K | 5.9K | 9.31K | 14.7K | 23.2K | 37.4K | 61.9K | 105K | 165K | 261K | 412K | 649K |
| 10.2 | 20.5 | 43.2 | 86.6 | 143 | 226 | 374 | 604 | 953 | 1.54K | 2.43K | 3.83K | 6.04K | 9.53K | 15K | 23.7K | 38.3K | 63.4K | 107K | 169K | 267K | 422K | 665K |
| 10.5 | 21.5 | 44.2 | 88.7 | 147 | 232 | 383 | 619 | 1.0K | 1.58K | 2.49K | 3.92K | 6.19K | 9.76K | 15.4K | 24.3K | 39.2K | 64.9K | 110K | 174K | 274K | 432K | 681K |
| 10.7 | 22.1 | 45.3 | 90.9 | 150 | 237 | 392 | 634 | 1.02K | 1.62K | 2.55K | 4.02K | 6.34K | 10K | 15.8K | 24.9K | 40.2K | 66.5K | 113K | 178K | 280K | 442K | 698K |
| 11 | 23.7 | 47.5 | 93.1 | 154 | 243 | 402 | 649 | 1.05K | 1.65K | 2.61K | 4.12K | 6.49K | 10.2K | 16.2K | 25.5K | 42.2K | 68.1K | 115K | 182K | 287K | 453K | 715K |
| 11.3 | 24.3 | 48.7 | 95.3 | 158 | 249 | 422 | 665 | 1.07K | 1.69K | 2.67K | 4.2K | 6.65K | 10.5K | 16.5K | 26.1K | 43.2K | 69.8K | 118K | 187K | 294K | 464K | 732K |
| 11.5 | 24.9 | 49.9 | 97.6 | 162 | 255 | 432 | 681 | 1.1K | 1.74K | 2.74K | 4.32K | 6.81K | 10.7K | 16.9K | 26.7K | 44.2K | 71.5K | 121K | 191K | 301K | 475K | 750K |
| 12.1 | 26.7 | 51.1 | 100 | 165 | 261 | 442 | 698 | 1.13K | 1.78K | 2.8K | 4.42K | 6.98K | 11K | 17.4K | 27.4K | 45.3K | 73.2K | 124K | 196K | 309K | 487K | 768K |
| 13 | 28 | 53.6 | 102 | 169 | 267 | 453 | 715 | 1.15K | 1.82K | 2.87K | 4.53K | 7.15K | 11.3K | 17.8K | 28K | 46.4K | 75K | 127K | 200K | 316K | 499K | 787K |
| 13.3 | 30.1 | 54.9 | 105 | 174 | 274 | 464 | 732 | 1.18K | 1.87K | 2.94K | 4.64K | 7.32K | 11.5K | 18.2K | 29.4K | 47.5K | 78.7K | 130K | 205K | 324K | 511K | 806K |
| 13.7 | 30.9 | 57.6 | 107 | 178 | 287 | 475 | 750 | 1.21K | 1.91K | 3.01K | 4.75K | 7.5K | 11.8K | 18.7K | 30.1K | 48.7K | 80.6K | 133K | 210K | 332K | 523K | 825K |
| 14.3 | 31.6 | 59 | 110 | 182 | 301 | 487 | 768 | 1.24K | 1.96K | 3.09K | 4.87K | 7.68K | 12.1K | 19.1K | 30.9K | 49.9K | 82.5K | 137K | 215K | 340K | 536K | 845K |
| 14.7 | 32.4 | 60.4 | 113 | 187 | 309 | 499 | 787 | 1.27K | 2.0K | 3.16K | 4.99K | 7.87K | 12.4K | 19.6K | 31.6K | 51.1K | 86.6K | 140K | 221K | 348K | 549K | 866K |
| 15 | 33.2 | 61.9 | 115 | 191 | 316 | 511 | 806 | 1.3K | 2.05K | 3.24K | 5.11K | 8.06K | 12.7K | 20K | 32.4K | 53.6K | 88.7K | 143K | 226K | 357K | 562K | 887K |
| 15.4 | 36.5 | 64.9 | 121 | 196 | 324 | 523 | 825 | 1.33K | 2.1K | 3.32K | 5.23K | 8.25K | 13K | 20.5K | 33.2K | 54.9K | 90.9K | 147K | 232K | 365K | 576K | 909K |
| 15.8 | 37.4 | 69.8 | 124 | 200 | 332 | 536 | 845 | 1.37K | 2.15K | 3.4K | 5.36K | 8.45K | 13.3K | 21K | 34K | 56.2K | 93.1K | 150K | 237K | 374K | 590K | 931K |
| 16.9 | 38.3 | 71.5 | 127 | 205 | 340 | 549 | 866 | 1.4K | 2.21K | 3.48K | 5.49K | 8.66K | 13.7K | 21.5K | 34.8K | 57.6K | 97.6K | 154K | 243K | 383K | 604K | 953K |
| 18.2 | 39.2 | 75 | 130 | 210 | 348 | 562 | 887 | 1.43K | 2.26K | 3.57K | 5.62K | 8.87K | 14K | 22.1K | 35.7K | 59K | 100K | 158K | 249K | 392K | 619K | 976K |
| 18.7 | 40.2 | 78.7 | 133 | 215 | 357 | 576 | 909 | 1.47K | 2.32K | 3.65K | 5.76K | 9.09K | 14.3K | 22.6K | 36.5K | 60.4K | 102K | 162K | 255K | 402K | 634K | 1.0M |
| 19.8 | 41.2 | 82.5 | 137 | | | | | | | | | | | | | | | | | | | |

IRC Leaded Resistors

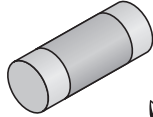
HSF-1 SERIES 10% SMD SURGE RESISTORS

Specifications:

- Size Code: F
- Industry Footprint: 2512
- Maximum Power Rating: 1W @ 70°C
- Working Voltage: 350
- Tolerance: ±10%
- TCR (ppm/°C): ±50, ±100

Features:

- Up to triple the surge rating of rugged OHP1
- Replaces costly surface-mount wirewound resistors
- 150°C maximum operating temperature
- 1 Watt power rating



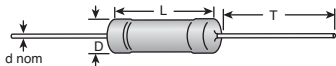
For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | IRC Part No. | Value (Ω) | Price Each | | | | | Reel 1000 |
|--------------------|-----------------|-----------|------------|-----|-----|-----|-----|-----------|
| | | | 1 | 10 | 100 | 250 | 500 | |
| 66-HSF11006R80K7LF | HSF11006R80K7LF | 6.8 | .42 | .41 | .40 | .37 | .35 | .30 |
| 66-HSF110027R0K7LF | HSF110027R0K7LF | 27 | .42 | .41 | .40 | .37 | .35 | .30 |
| 66-HSF110068R0K7LF | HSF110068R0K7LF | 68 | .42 | .41 | .40 | .37 | .35 | .30 |
| 66-HSF11002700K7LF | HSF11002700K7LF | 270 | .42 | .41 | .40 | .37 | .35 | .30 |

RC55 SERIES - 0.1% METAL FILM RESISTORS - 1/4 WATT

Features:

- Tolerance: 0.1%
- Temperature Coefficient: 25ppm
- Power Rating: 70°C, 1/4W
- Power Rating: 70°C, 1/4W



| MOUSER STOCK NO. | Range of Values in (Ω) See Table | Price Each | | | | DIMENSIONS: mm | | | |
|-------------------|----------------------------------|------------|------|------|------|----------------|-------|-------|-------|
| | | 1 | 50 | 100 | 500 | L max | D max | T min | d nom |
| 66-RC55LF-D-Value | 10(Ω) - 249K | 1.90 | 1.65 | 1.49 | 1.33 | 7.2 | 2.5 | 30 | 0.6 |
| 66-RC55LF-D-Value | 255K - 1M | 1.26 | 1.05 | .93 | .81 | 7.2 | 2.5 | 30 | 0.6 |

TABLE OF STOCKED VALUES

| | | | | | | | | | | | | | | | | | | | | | | |
|------|------|------|------|-----|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|------|------|------|
| 10 | 21.5 | 38.3 | 68.1 | 113 | 187 | 324 | 536 | 866 | 1.37K | 2.26K | 3.65K | 6.04K | 9.76K | 15.8K | 24.9K | 39.2K | 61.9K | 100K | 169K | 287K | 487K | 887K |
| 10.2 | 22.1 | 39.2 | 69.8 | 115 | 196 | 332 | 549 | 887 | 1.4K | 2.32K | 3.74K | 6.19K | 10K | 16.2K | 25.5K | 40.2K | 63.4K | 102K | 174K | 294K | 499K | 909K |
| 10.5 | 23.7 | 40.2 | 71.5 | 118 | 200 | 340 | 562 | 909 | 1.47K | 2.37K | 3.83K | 6.34K | 10.2K | 16.5K | 26.1K | 41.2K | 64.9K | 105K | 178K | 301K | 511K | 931K |
| 10.7 | 24.3 | 42.2 | 73.2 | 121 | 205 | 348 | 576 | 931 | 1.5K | 2.43K | 3.92K | 6.49K | 10.5K | 16.9K | 26.7K | 42.2K | 66.5K | 107K | 182K | 309K | 536K | 953K |
| 11 | 24.9 | 43.2 | 75 | 124 | 210 | 357 | 590 | 953 | 1.54K | 2.49K | 4.02K | 6.65K | 10.7K | 17.4K | 27.4K | 43.2K | 68.1K | 110K | 187K | 316K | 549K | 1.0M |
| 11.8 | 25.5 | 44.2 | 80.6 | 127 | 215 | 365 | 604 | 976 | 1.58K | 2.55K | 4.12K | 6.81K | 11K | 17.8K | 28K | 44.2K | 69.8K | 113K | 191K | 324K | 576K | |
| 12.7 | 26.1 | 46.4 | 82.5 | 130 | 221 | 383 | 619 | 1.0K | 1.62K | 2.61K | 4.2K | 6.98K | 11.3K | 18.2K | 28.7K | 45.3K | 71.5K | 115K | 200K | 332K | 604K | |
| 13 | 26.7 | 47.5 | 84.5 | 133 | 226 | 392 | 634 | 1.02K | 1.65K | 2.67K | 4.32K | 7.15K | 11.5K | 18.7K | 29.4K | 46.4K | 75K | 118K | 205K | 340K | 649K | |
| 14 | 27.4 | 49.9 | 86.6 | 140 | 232 | 402 | 649 | 1.05K | 1.69K | 2.8K | 4.42K | 7.32K | 11.8K | 19.1K | 30.1K | 47.5K | 78.7K | 121K | 210K | 348K | 665K | |
| 14.3 | 28 | 51.1 | 88.7 | 143 | 237 | 412 | 665 | 1.07K | 1.74K | 2.87K | 4.53K | 7.5K | 12.1K | 19.6K | 30.9K | 48.7K | 78.7K | 124K | 215K | 357K | 681K | |
| 15 | 28.7 | 52.3 | 90.9 | 147 | 243 | 422 | 681 | 1.1K | 1.78K | 2.94K | 4.75K | 7.68K | 12.4K | 20K | 31.6K | 49.9K | 80.6K | 127K | 221K | 365K | 715K | |
| 15.4 | 29.4 | 54.9 | 93.1 | 150 | 249 | 432 | 698 | 1.13K | 1.82K | 3.01K | 4.87K | 7.87K | 13K | 20.5K | 32.4K | 51.1K | 82.5K | 130K | 226K | 374K | 732K | |
| 15.8 | 30.1 | 56.2 | 95.3 | 154 | 255 | 442 | 715 | 1.15K | 1.87K | 3.09K | 4.99K | 8.06K | 13.3K | 21K | 33.2K | 52.3K | 84.5K | 133K | 232K | 392K | 750K | |
| 16.9 | 30.9 | 59 | 97.6 | 158 | 261 | 453 | 732 | 1.18K | 1.91K | 3.16K | 5.11K | 8.25K | 13.7K | 21.5K | 34K | 53.6K | 86.6K | 137K | 243K | 402K | 768K | |
| 17.4 | 32.4 | 60.4 | 100 | 162 | 267 | 475 | 750 | 1.21K | 1.96K | 3.24K | 5.23K | 8.45K | 14K | 22.1K | 34.8K | 54.9K | 88.7K | 140K | 249K | 422K | 787K | |
| 19.8 | 33.2 | 61.9 | 102 | 165 | 274 | 487 | 787 | 1.24K | 2.0K | 3.32K | 5.36K | 8.66K | 14.3K | 22.6K | 35.7K | 56.2K | 90.9K | 147K | 255K | 442K | 806K | |
| 20 | 34 | 63.4 | 105 | 169 | 301 | 499 | 806 | 1.27K | 2.05K | 3.4K | 5.49K | 8.87K | 14.7K | 23.2K | 36.5K | 57.6K | 93.1K | 150K | 261K | 453K | 825K | |
| 20.5 | 34.8 | 64.9 | 107 | 178 | 309 | 511 | 825 | 1.3K | 2.1K | 3.48K | 5.62K | 9.09K | 15K | 23.7K | 37.4K | 59K | 95.3K | 154K | 267K | 464K | 845K | |
| 21 | 37.4 | 66.5 | 110 | 182 | 316 | 523 | 845 | 1.33K | 2.21K | 3.57K | 5.9K | 9.31K | 15.4K | 24.3K | 38.3K | 60.4K | 97.6K | 165K | 274K | 475K | 866K | |

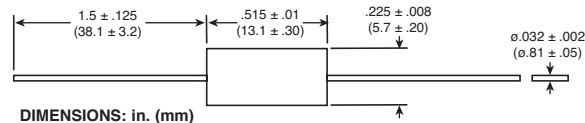
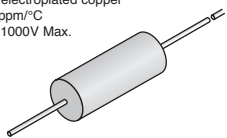
GS-3 SERIES 5% THICK FILM METAL GLAZE RESISTORS - 3 WATT

Features:

- High Surge Strength
- Effective as carbon Composition Replacement

Specifications:

- Power Rating: 3W @ 25°C
- Tolerance: 5%
- Leads: Tin-lead electroplated copper
- TCR: ±100(TO) ppm/°C
- Voltage Rating: 1000V Max.



DIMENSIONS: in. (mm)

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| MOUSER STOCK NO. | IRC Part No. | Value (Ω) | Price Each | | | | | Reel Qty. | Price Per Piece |
|------------------|-------------------|-----------|------------|------|------|------|------|-----------|-----------------|
| | | | 1 | 10 | 100 | 250 | 500 | | |
| 66-GS310010R0JLF | GS3-100-10R0-J-LF | 10 | .90 | .79 | .61 | .54 | .42 | 1000 | .39 |
| 66-GS310022R0JLF | GS3-100-22R0-J-LF | 22 | .63 | .605 | .583 | .528 | .473 | 1000 | .44 |
| 66-GS310047R0JLF | GS3-100-47R0-J-LF | 47 | .6 | | | | | | |