

| Imp. 100MHz (Ω)±25%                 | I Max. (A) | Rdc Max. (Ω) | Material | Digi-Key Part No. | Cut Tape Pricing |      |       | Tape and Reel* |         | TDK Part No. |
|-------------------------------------|------------|--------------|----------|-------------------|------------------|------|-------|----------------|---------|--------------|
|                                     |            |              |          |                   | 10               | 50   | 100   | Qty.           | Pricing |              |
| 80                                  | 0.10       | 1.5          | D        | 445-3333-1-ND     | 1.36             | 5.88 | 10.86 | 15,000         | 63.00/M | MMZ0603D800C |
| 10                                  | 0.20       | 0.8          | F        | 445-3334-1-ND‡    | 1.36             | 5.88 | 10.86 | 15,000         | 63.00/M | MMZ0603F100C |
| 10                                  | 0.50       | 0.15         |          | 445-2141-1-ND‡    | 1.40             | 6.05 | 11.16 | 15,000         | 65.12/M | MMZ0603S100C |
| 80                                  | 0.20       | 0.5          |          | 445-2142-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.12/M | MMZ0603S800C |
| 120                                 | 0.20       | 0.8          | S        | 445-2143-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.12/M | MMZ0603S121C |
| 240                                 | 0.10       | 1.0          |          | 445-2144-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.12/M | MMZ0603S241C |
| 470                                 | 0.05       | 1.8          |          | 445-2145-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.00/M | MMZ0603S471C |
| 600                                 | 0.05       | 2.0          |          | 445-2146-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.00/M | MMZ0603S601C |
| 120                                 | 0.20       | 0.8          |          | 445-2147-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.12/M | MMZ0603Y121C |
| 240                                 | 0.10       | 1.0          | Y        | 445-2148-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.12/M | MMZ0603Y241C |
| 470                                 | 0.05       | 1.8          |          | 445-2149-1-ND     | 1.40             | 6.05 | 11.16 | 15,000         | 65.12/M | MMZ0603Y471C |
| <b>MMZ1005 Series — 0402 Size</b>   |            |              |          |                   |                  |      |       |                |         |              |
| 80                                  | 0.45       | 0.2          |          | 445-3335-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005B800C |
| 120                                 | 0.40       | 0.25         | B        | 445-3336-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005B121C |
| 600                                 | 0.20       | 0.85         |          | 445-3337-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005B601C |
| 10                                  | 0.50       | 0.1          |          | 445-3338-1-ND‡    | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005D100C |
| 22                                  | 0.40       | 0.2          |          | 445-3339-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005D220C |
| 33                                  | 0.40       | 0.35         | D        | 445-3340-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005D330C |
| 68                                  | 0.40       | 0.55         |          | 445-3341-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005D680C |
| 120                                 | 0.35       | 0.75         |          | 445-3342-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005D121C |
| 240                                 | 0.20       | 1.2          |          | 445-3343-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005D241C |
| 33                                  | 0.20       | 0.6          |          | 445-3344-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005F330C |
| 47                                  | 0.10       | 0.8          | F        | 445-3345-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005F470C |
| 56                                  | 0.10       | 0.8          |          | 445-3346-1-ND     | .57              | 2.47 | 4.57  | 10,000         | 27.00/M | MMZ1005F560C |
| 80                                  | 0.50       | 0.2          |          | 445-2150-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005S800C |
| 120                                 | 0.50       | 0.25         |          | 445-2151-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005S121C |
| 240                                 | 0.40       | 0.4          | S        | 445-2152-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005S241C |
| 600                                 | 0.30       | 0.6          |          | 445-2153-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005S601C |
| 1000                                | 0.20       | 1.0          |          | 445-2154-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005S102C |
| 40                                  | 0.55       | 0.12         |          | 445-2150-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y400C |
| 80                                  | 0.45       | 0.17         |          | 445-2151-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y800C |
| 120                                 | 0.40       | 0.21         |          | 445-2152-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y121C |
| 240                                 | 0.30       | 0.33         |          | 445-2153-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y241C |
| 300                                 | 0.25       | 0.38         | Y        | 445-2154-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y301C |
| 470                                 | 0.25       | 0.5          |          | 445-2155-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y471C |
| 600                                 | 0.25       | 0.56         |          | 445-2156-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y601C |
| 1000                                | 0.20       | 0.74         |          | 445-2157-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y102C |
| 1500                                | 0.10       | 1.15         |          | 445-2158-1-ND     | .59              | 2.54 | 4.69  | 10,000         | 27.37/M | MMZ1005Y152C |
| <b>MPZ1005 Series — 0402 Size</b>   |            |              |          |                   |                  |      |       |                |         |              |
| 10                                  | 2.0        | .045         |          | 445-2978-1-ND     | .60              | 2.62 | 4.83  | 10,000         | 28.00/M | MPZ1005S100C |
| 30                                  | 1.7        | .050         | S        | 445-2979-1-ND     | .60              | 2.62 | 4.83  | 10,000         | 28.00/M | MPZ1005S300C |
| 60                                  | 1.5        | .075         |          | 445-2980-1-ND     | .60              | 2.62 | 4.83  | 10,000         | 28.00/M | MPZ1005S600C |
| 120                                 | 1.2        | .090         |          | 445-2981-1-ND     | .60              | 2.62 | 4.83  | 10,000         | 28.00/M | MPZ1005S121C |
| <b>MMZ1608 Series — 0603 Size</b>   |            |              |          |                   |                  |      |       |                |         |              |
| 15                                  | 1.5        | 0.05         |          | 445-2180-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608R150A |
| 30                                  | 1.5        | 0.05         |          | 445-2181-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608R300A |
| 60                                  | 0.8        | 0.1          | R        | 445-2182-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608R600A |
| 120                                 | 0.5        | 0.18         |          | 445-2170-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608R121A |
| 300                                 | 0.5        | 0.25         |          | 445-2171-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608R301A |
| 600                                 | 0.5        | 0.4          |          | 445-1547-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608R601A |
| 1000                                | 0.4        | 0.5          |          | 445-1548-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608R102A |
| 40                                  | 0.6        | 0.1          |          | 445-2183-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608S400A |
| 80                                  | 0.5        | 0.15         |          | 445-2172-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608S800A |
| 120                                 | 0.5        | 0.2          |          | 445-2173-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608S121A |
| 180                                 | 0.5        | 0.2          | S        | 445-2174-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608S181A |
| 300                                 | 0.5        | 0.3          |          | 445-2175-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608S301A |
| 600                                 | 0.5        | 0.4          |          | 445-1549-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608S601A |
| 1000                                | 0.4        | 0.5          |          | 445-1550-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608S102A |
| 15                                  | 1.5        | 0.05         |          | 445-2184-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y150B |
| 30                                  | 1.5        | 0.05         |          | 445-2185-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y300B |
| 60                                  | 0.5        | 0.15         |          | 445-2186-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y600B |
| 120                                 | 0.5        | 0.2          | Y        | 445-2176-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y121B |
| 300                                 | 0.5        | 0.3          |          | 445-2177-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y301B |
| 600                                 | 0.5        | 0.4          |          | 445-1551-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y601B |
| 1000                                | 0.4        | 0.5          |          | 445-1552-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y102B |
| 1500                                | 0.3        | 0.6          |          | 445-1553-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608Y152B |
| 1500                                | 0.3        | 1.0          | A        | 445-2178-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608A152E |
| 2500                                | 0.2        | 0.8          |          | 445-2179-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608A252E |
| 80                                  | 0.5        | 0.4          |          | 445-2167-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608D800B |
| 120                                 | 0.4        | 0.5          | D        | 445-2168-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608D121B |
| 300                                 | 0.3        | 0.7          |          | 445-2169-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608D301B |
| <b>MMZ1608-C Series — 0603 Size</b> |            |              |          |                   |                  |      |       |                |         |              |
| 120                                 | 0.6        | 0.15         |          | 445-2164-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608B121C |
| 300                                 | 0.5        | 0.25         | B        | 445-2165-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608B301C |
| 600                                 | 0.5        | 0.4          |          | 445-2166-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MMZ1608B601C |
| <b>MPZ1608 Series — 0603 Size</b>   |            |              |          |                   |                  |      |       |                |         |              |
| 30                                  | 5.0        | 0.01         | S        | 445-1562-1-ND     | .53              | 2.28 | 4.21  | 4,000          | 24.56/M | MPZ1608S300A |

| Imp. 100MHz (Ω)±25%               | I Max. (A) | Rdc Max. (Ω) | Material | Digi-Key Part No. | Cut Tape Pricing |      |      | Tape and Reel* |         | TDK Part No. |
|-----------------------------------|------------|--------------|----------|-------------------|------------------|------|------|----------------|---------|--------------|
|                                   |            |              |          |                   | 10               | 50   | 100  | Qty.           | Pricing |              |
| 60                                | 3.5        | 0.02         |          | 445-1563-1-ND     | .53              | 2.28 | 4.21 | 4,000          | 24.56/M | MPZ1608S600A |
| 100                               | 3.0        | 0.03         |          | 445-1564-1-ND     | .53              | 2.28 | 4.21 | 4,000          | 24.56/M | MPZ1608S101A |
| 220                               | 2.0        | 0.05         | S        | 445-1565-1-ND     | .53              | 2.28 | 4.21 | 4,000          | 24.56/M | MPZ1608S221A |
| 600                               | 1.0        | 0.15         |          | 445-2205-1-ND     | .53              | 2.28 | 4.21 | 4,000          | 24.56/M | MPZ1608S601A |
| 390                               | 1.2        | .12          | R        | 445-2982-1-ND     | .54              | 2.36 | 4.35 | 4,000          | 25.00/M | MPZ1608R391A |
| 60                                | 2.3        | .03          |          | 445-2983-1-ND     | .54              | 2.36 | 4.35 | 4,000          | 25.00/M | MPZ1608Y600B |
| 100                               | 2.0        | .05          | Y        | 445-2984-1-ND     | .54              | 2.36 | 4.35 | 4,000          | 25.00/M | MPZ1608Y101B |
| 150                               | 1.8        | .07          |          | 445-2985-1-ND     | .54              | 2.36 | 4.35 | 4,000          | 25.00/M | MPZ1608Y151B |
| 30                                | 1.8        | .07          |          | 445-2986-1-ND     | .54              | 2.36 | 4.35 | 4,000          | 25.00/M | MPZ1608D300B |
| 60                                | 1.2        | .12          | D        | 445-2987-1-ND     | .54              | 2.36 | 4.35 | 4,000          | 25.00/M | MPZ1608D600B |
| 100                               | 1.0        | .15          |          | 445-2988-1-ND     | .54              | 2.36 | 4.35 | 4,000          | 25.00/M | MPZ1608D101B |
| <b>MMZ2012 Series — 0805 Size</b> |            |              |          |                   |                  |      |      |                |         |              |
| 15                                | 1.5        | 0.05         |          | 445-2198-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012R150A |
| 30                                | 1.5        | 0.05         |          | 445-2199-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012R300A |
| 60                                | 1.0        | 0.1          |          | 445-2200-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012R600A |
| 120                               | 0.8        | 0.12         | R        | 445-2190-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012R121A |
| 300                               | 0.6        | 0.15         |          | 445-2191-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012R301A |
| 600                               | 0.5        | 0.2          |          | 445-1554-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012R601A |
| 1000                              | 0.5        | 0.3          |          | 445-1555-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012R102A |
| 40                                | 1.0        | 0.1          |          | 445-2201-1-ND     | .67              | 2.89 | 5.34 | 4,000          | 31.15/M | MMZ2012S400A |
| 80                                | 0.8        | 0.1          |          | 445-2192-1-ND     | .67              | 2.89 | 5.34 | 4,000          |         |              |