

### Models & Ratings

| OUTPUT                        |                               |        |                         | INPUT         |                        |                          | Model Number |
|-------------------------------|-------------------------------|--------|-------------------------|---------------|------------------------|--------------------------|--------------|
| Output Voltage <sup>(2)</sup> | Output Current <sup>(1)</sup> | Ripple | Polarity <sup>(5)</sup> | Input Voltage | Input Current, No Load | Input Current, Full Load |              |
| 0 to 100V                     | 5.00mA                        | <1.0%  | Reversible              | 5V            | <100mA                 | <250mA                   | Q01-5        |
| 0 to 100V                     | 5.00mA                        | <1.0%  | Reversible              | 5V            | <100mA                 | <250mA                   | Q01-5C       |
| 0 to +/-50V                   | 5.00mA                        | <1.0%  | Dual                    | 5V            | <100mA                 | <250mA                   | Q01CT-5      |
| 0 to 100V                     | 5.00mA                        | <1.0%  | Reversible              | 12V           | <40mA                  | <100mA                   | Q01-12       |
| 0 to 100V                     | 5.00mA                        | <1.0%  | Reversible              | 12V           | <40mA                  | <100mA                   | Q01-12CT     |
| 0 to 100V                     | 5.00mA                        | <1.0%  | Reversible              | 12V           | <40mA                  | <100mA                   | Q01-12S      |
| 0 to +/-50V                   | 5.00mA                        | <1.0%  | Dual                    | 12V           | <40mA                  | <100mA                   | Q01CT-12TS   |
| 0 to 100V                     | 5.00mA                        | <1.0%  | Reversible              | 24V           | <20mA                  | <50mA                    | Q01-24       |
| 0 to 150V                     | 3.33mA                        | <0.50% | Reversible              | 5V            | <100mA                 | <250mA                   | Q015-5       |
| 0 to 150V                     | 3.33mA                        | <0.50% | Reversible              | 5V            | <100mA                 | <250mA                   | Q015-5TS     |
| 0 to 150V                     | 3.33mA                        | <0.50% | Reversible              | 12V           | <40mA                  | <100mA                   | Q015-12CTRS  |
| 0 to 150V                     | 3.33mA                        | <0.50% | Reversible              | 12V           | <40mA                  | <100mA                   | Q015-12C     |
| 0 to 200V                     | 2.50mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q02-5        |
| 0 to 200V                     | 2.50mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q02-5CS      |
| 0 to 200V                     | 2.50mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q02-5CTS     |
| 0 to 200V                     | 2.50mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q02-5TR      |
| 0 to 200V                     | 2.50mA                        | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q02-12       |
| 0 to 200V                     | 2.50mA                        | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q02-12CTS    |
| 0 to 200V                     | 2.50mA                        | <0.25% | Reversible              | 24V           | <20mA                  | <50mA                    | Q02-24       |
| 0 to +/-100V                  | 2.50mA                        | <0.25% | Dual                    | 24V           | <20mA                  | <50mA                    | Q02CT-24R    |
| 0 to 250V                     | 2.00mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q025-5       |
| 0 to 250V                     | 2.00mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q025-5C      |
| 0 to 250V                     | 2.00mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q025-5RS     |
| 0 to 250V                     | 2.00mA                        | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q025-12      |
| 0 to 300V                     | 1.67mA                        | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q03-5        |
| 0 to 300V                     | 1.67mA                        | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q03-12       |
| 0 to 400V                     | 1.25mA                        | <0.10% | Reversible              | 5V            | <100mA                 | <250mA                   | Q04-5        |
| 0 to 400V                     | 1.25mA                        | <0.10% | Reversible              | 5V            | <100mA                 | <250mA                   | Q04-5RS      |
| 0 to +/-200V                  | 1.25mA                        | <0.10% | Dual                    | 5V            | <100mA                 | <250mA                   | Q04CT-5      |
| 0 to 400V                     | 1.25mA                        | <0.10% | Reversible              | 12V           | <40mA                  | <100mA                   | Q04-12       |
| 0 to +/-200V                  | 1.25mA                        | <0.10% | Dual                    | 12V           | <40mA                  | <100mA                   | Q04CT-12     |
| 0 to 400V                     | 1.25mA                        | <0.10% | Reversible              | 24V           | <20mA                  | <50mA                    | Q04-24       |
| 0 to 400V                     | 1.25mA                        | <0.10% | Reversible              | 24V           | <20mA                  | <50mA                    | Q04-24TR     |
| 0 to 450V                     | 1.11mA                        | <0.15% | Reversible              | 12V           | <40mA                  | <100mA                   | Q045-12      |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 5V            | <100mA                 | <250mA                   | Q05-5        |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 5V            | <100mA                 | <250mA                   | Q05-5C       |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 5V            | <100mA                 | <250mA                   | Q05-5CTRS    |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 5V            | <100mA                 | <250mA                   | Q05-5RS      |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 12V           | <40mA                  | <100mA                   | Q05-12       |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 12V           | <40mA                  | <100mA                   | Q05-12T      |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 15V           | <32mA                  | <80mA                    | Q05-15       |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 24V           | <20mA                  | <50mA                    | Q05-24       |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 24V           | <20mA                  | <50mA                    | Q05-24CRS    |
| 0 to 500V                     | 1.00mA                        | <0.15% | Reversible              | 24V           | <20mA                  | <50mA                    | Q05-24CTS    |
| 0 to 600V                     | 833uA                         | <0.10% | Reversible              | 5V            | <100mA                 | <250mA                   | Q06-5        |
| 0 to 600V                     | 833uA                         | <0.10% | Reversible              | 12V           | <40mA                  | <100mA                   | Q06-12       |
| 0 to 600V                     | 833uA                         | <0.10% | Reversible              | 15V           | <32mA                  | <80mA                    | Q06-15       |
| 0 to 600V                     | 833uA                         | <0.10% | Reversible              | 24V           | <20mA                  | <50mA                    | Q06-24       |
| 0 to 700V                     | 714uA                         | <0.25% | Reversible              | 5V            | <100mA                 | <250mA                   | Q07-5        |
| 0 to 700V                     | 714uA                         | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q07-12       |
| 0 to 700V                     | 714uA                         | <0.25% | Reversible              | 15V           | <32mA                  | <80mA                    | Q07-15       |
| 0 to 800V                     | 625mA                         | <0.30% | Reversible              | 24V           | <20mA                  | <50mA                    | Q08-24       |
| 0 to 900V                     | 556mA                         | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q09-12       |
| 0 to 900V                     | 556mA                         | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q09-12C      |
| 0 to 900V                     | 556mA                         | <0.25% | Reversible              | 12V           | <40mA                  | <100mA                   | Q09-12T      |
| 0 to +/-450V                  | 556mA                         | <0.25% | Dual                    | 12V           | <40mA                  | <100mA                   | Q09CT-12     |
| 0 to 900V                     | 556mA                         | <0.25% | Reversible              | 24V           | <20mA                  | <50mA                    | Q09-24R      |
| 0 to +1000V                   | 500uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q10-5        |
| 0 to +1000V                   | 500uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q10-5RS      |
| 0 to +1000V                   | 500uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q10-5CTS     |
| 0 to +1000V                   | 500uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q10-5TS      |
| 0 to -1000V                   | 500uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q10N-5       |
| 0 to -1000V                   | 500uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q10N-5C      |
| 0 to -1000V                   | 500uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q10N-5CS     |
| 0 to -1000V                   | 500uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q10N-5S      |

### Models & Ratings

| OUTPUT                        |                               |        |                         | INPUT         |                        |                          | Model Number |
|-------------------------------|-------------------------------|--------|-------------------------|---------------|------------------------|--------------------------|--------------|
| Output Voltage <sup>(2)</sup> | Output Current <sup>(1)</sup> | Ripple | Polarity <sup>(5)</sup> | Input Voltage | Input Current, No Load | Input Current, Full Load |              |
| 0 to +1000V                   | 500uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q10-12       |
| 0 to +1000V                   | 500uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q10-12CTS    |
| 0 to -1000V                   | 500uA                         | <0.25% | Negative                | 12V           | <40mA                  | <100mA                   | Q10N-12      |
| 0 to +1000V                   | 500uA                         | <0.25% | Positive                | 24V           | <20mA                  | <50mA                    | Q10-24R      |
| 0 to +1200V                   | 417uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q12-5        |
| 0 to +1200V                   | 417uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q12-5R       |
| 0 to +1200V                   | 417uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q12-5RS      |
| 0 to +1200V                   | 417uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q12-5TS      |
| 0 to -1200V                   | 417uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q12N-5       |
| 0 to -1200V                   | 417uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q12N-5RS     |
| 0 to -1200V                   | 417uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q12N-5TS     |
| 0 to +1200V                   | 417uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q12-12       |
| 0 to -1200V                   | 417uA                         | <0.25% | Negative                | 12V           | <40mA                  | <100mA                   | Q12N-12      |
| 0 to -1200V                   | 417uA                         | <0.25% | Negative                | 15V           | <32mA                  | <80mA                    | Q12N-15      |
| 0 to -1200V                   | 417uA                         | <0.25% | Negative                | 24V           | <20mA                  | <50mA                    | Q12N-24C     |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q15-5        |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q15-5S       |
| 0 to -1500V                   | 333uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q15N-5       |
| 0 to -1500V                   | 333uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q15N-5S      |
| 0 to -1500V                   | 333uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q15N-5T      |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q15-12       |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q15-12C      |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q15-12S      |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q15-12T      |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q15-12TS     |
| 0 to -1500V                   | 333uA                         | <0.25% | Negative                | 12V           | <40mA                  | <100mA                   | Q15N-12C     |
| 0 to +1500V                   | 333uA                         | <0.25% | Positive                | 24V           | <20mA                  | <50mA                    | Q15-24       |
| 0 to -1500V                   | 333uA                         | <0.25% | Negative                | 24V           | <20mA                  | <50mA                    | Q15N-24      |
| 0 to +2000V                   | 250uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q20-5        |
| 0 to +2000V                   | 250uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q20-5RS      |
| 0 to +2000V                   | 250uA                         | <0.25% | Positive                | 5V            | <100mA                 | <250mA                   | Q20-5TR      |
| 0 to -2000V                   | 250uA                         | <0.25% | Negative                | 5V            | <100mA                 | <250mA                   | Q20N-5       |
| 0 to +2000V                   | 250uA                         | <0.25% | Positive                | 12V           | <40mA                  | <100mA                   | Q20-12       |
| 0 to -2000V                   | 250uA                         | <0.25% | Negative                | 12V           | <40mA                  | <100mA                   | Q20N-12      |
| 0 to +2000V                   | 250uA                         | <0.25% | Positive                | 24V           | <20mA                  | <50mA                    | Q20-24       |
| 0 to +2500V                   | 200uA                         | <0.50% | Positive                | 5V            | <250mA                 | <400mA                   | Q25-5        |
| 0 to +2500V                   | 200uA                         | <0.50% | Positive                | 5V            | <250mA                 | <400mA                   | Q25-5T       |
| 0 to -2500V                   | 200uA                         | <0.50% | Negative                | 5V            | <250mA                 | <400mA                   | Q25N-5TR     |
| 0 to +2500V                   | 200uA                         | <0.50% | Positive                | 12V           | <100mA                 | <250mA                   | Q25-12TR     |
| 0 to +2500V                   | 200uA                         | <0.50% | Positive                | 24V           | <35mA                  | <75mA                    | Q25-24       |
| 0 to +3000V                   | 167uA                         | <0.50% | Positive                | 5V            | <250mA                 | <400mA                   | Q30-5        |
| 0 to -3000V                   | 167uA                         | <0.50% | Negative                | 5V            | <250mA                 | <400mA                   | Q30N-5       |
| 0 to +3000V                   | 167uA                         | <0.50% | Positive                | 12V           | <100mA                 | <250mA                   | Q30-12       |
| 0 to -3000V                   | 167uA                         | <0.50% | Negative                | 12V           | <100mA                 | <250mA                   | Q30N-12      |
| 0 to +3000V                   | 167uA                         | <0.50% | Positive                | 24V           | <35mA                  | <75mA                    | Q30-24R      |
| 0 to -3000V                   | 167uA                         | <0.50% | Negative                | 24V           | <35mA                  | <75mA                    | Q30N-24R     |
| 0 to +4000V                   | 125uA                         | <0.50% | Positive                | 5V            | <250mA                 | <400mA                   | Q40-5        |
| 0 to -4000V                   | 125uA                         | <0.50% | Negative                | 5V            | <250mA                 | <400mA                   | Q40N-5       |
| 0 to -4000V                   | 125uA                         | <0.50% | Negative                | 5V            | <250mA                 | <400mA                   | Q40N-5T      |
| 0 to +4000V                   | 125uA                         | <0.50% | Positive                | 12V           | <100mA                 | <250mA                   | Q40-12       |
| 0 to +5000V                   | 100uA                         | <0.50% | Positive                | 5V            | <250mA                 | <400mA                   | Q50-5        |
| 0 to +5000V                   | 100uA                         | <0.50% | Positive                | 5V            | <250mA                 | <400mA                   | Q50-5C       |
| 0 to +5000V                   | 100uA                         | <0.50% | Positive                | 5V            | <250mA                 | <400mA                   | Q50-5CTS     |
| 0 to -5000V                   | 100uA                         | <0.50% | Negative                | 5V            | <250mA                 | <400mA                   | Q50N-5       |
| 0 to -5000V                   | 100uA                         | <0.50% | Negative                | 5V            | <250mA                 | <400mA                   | Q50N-5T      |
| 0 to +6000V                   | 83.3uA                        | <1.0%  | Positive                | 5V            | <175mA                 | <250mA                   | Q60-5        |
| 0 to +6000V                   | 83.3uA                        | <1.0%  | Positive                | 5V            | <175mA                 | <250mA                   | Q60-5S       |
| 0 to -6000V                   | 83.3uA                        | <1.0%  | Negative                | 5V            | <175mA                 | <250mA                   | Q60N-5       |
| 0 to +8000V                   | 62.5uA                        | <1.0%  | Positive                | 5V            | <175mA                 | <250mA                   | Q80-5        |
| 0 to +10,000V                 | 50.0uA                        | <1.0%  | Positive                | 5V            | <175mA                 | <250mA                   | Q101-5       |
| 0 to -10,000V                 | 50.0uA                        | <1.0%  | Negative                | 5V            | <175mA                 | <250mA                   | Q101N-5      |
| 0 to -10,000V                 | 50.0uA                        | <1.0%  | Negative                | 5V            | <175mA                 | <250mA                   | Q101N-5RS    |

### Option Codes

| Code | Meaning                        | Code | Meaning                          |
|------|--------------------------------|------|----------------------------------|
| CT-  | Center Tap, Dual Output        | -S   | External Copper Shield           |
| -C   | Control Pin                    | -R   | RoHS Designator for Legacy Model |
| -T   | Extended Operating Temperature |      |                                  |