



- ① Series name
- ② Single output
- ③ Output wattage
- ④ Input voltage
- ⑤ Output voltage
- ⑥ Mounting type
B : SMD
C : DIP
- ⑦ Packing form
Blank: Plastic cover
P : Pallet (SMD type)
- ⑧ Optional
G : Capacitor between Input and Output is removed.

| MODEL | SUS3053R3 | SUS30505 | SUS30512 | SUS30515 | SUS3123R3 | SUS31205 | SUS31212 | SUS31215 |
|-----------------------|---------------|----------|----------|----------|-----------|----------|----------|----------|
| MAX OUTPUT WATTAGE[W] | 1.98 | 3 | 3 | 3 | 1.98 | 3 | 3 | 3 |
| DC OUTPUT | VOLTAGE[V] ※1 | 3.3 | 5 | 12 | 15 | 3.3 | 5 | 12 |
| | CURRENT[A] | 0.6 | 0.6 | 0.25 | 0.2 | 0.6 | 0.6 | 0.25 |

SPECIFICATIONS

| | MODEL | SUS3053R3 | SUS30505 | SUS30512 | SUS30515 | SUS3123R3 | SUS31205 | SUS31212 | SUS31215 |
|-------------------------------|------------------------------------|--|-------------|---------------|---------------|-------------|-------------|---------------|---------------|
| INPUT | VOLTAGE[V] | DC4.5 - 9 | | | | DC9 - 18 | | | |
| | CURRENT[A] ※2 | 0.536typ | 0.780typ | 0.760typ | 0.760typ | 0.218typ | 0.317typ | 0.309typ | 0.313typ |
| | EFFICIENCY[%] ※2 | 74typ | 77typ | 79typ | 79typ | 76typ | 79typ | 81typ | 80typ |
| OUTPUT | VOLTAGE[V] | 3.3 | 5 | 12 | 15 | 3.3 | 5 | 12 | 15 |
| | CURRENT[A] | 0.6 | 0.6 | 0.25 | 0.2 | 0.6 | 0.6 | 0.25 | 0.2 |
| | LINE REGULATION[mV] | 20max | 20max | 48max | 60max | 20max | 20max | 48max | 60max |
| | LOAD REGULATION[mV] | 40max | 40max | 100max | 120max | 40max | 40max | 100max | 120max |
| | RIPPLE[mVp-p] | -20 to +55℃ ※3 | 80max | 80max | 120max | 120max | 80max | 80max | 120max |
| | | -40 to -20℃ ※3 | 120max | 120max | 150max | 150max | 120max | 120max | 150max |
| | RIPPLE NOISE[mVp-p] | -20 to +55℃ ※3 | 120max | 120max | 150max | 150max | 120max | 120max | 150max |
| | | -40 to -20℃ ※3 | 200max | 200max | 200max | 200max | 200max | 200max | 200max |
| | TEMPERATURE REGULATION[mV] | -20 to +55℃ | 50max | 50max | 150max | 180max | 50max | 50max | 150max |
| | | -40 to +55℃ | 80max | 80max | 240max | 290max | 80max | 80max | 240max |
| PROTECTION CIRCUIT AND OTHERS | DRIFT[mV] ※4 | 20max | 20max | 48max | 60max | 20max | 20max | 48max | 60max |
| | START-UP TIME[ms] | 20max (Minimum input, Io=100%) | | | | | | | |
| | OUTPUT VOLTAGE ADJUSTMENT RANGE[V] | Fixed (TRM pin open) ±5% adjustable by external VR | | | | | | | |
| | OUTPUT VOLTAGE SETTING[V] (±3%) | 3.21 - 3.42 | 4.90 - 5.21 | 11.64 - 12.36 | 14.55 - 15.45 | 3.21 - 3.42 | 4.90 - 5.21 | 11.64 - 12.36 | 14.55 - 15.45 |
| PROTECTION CIRCUIT AND OTHERS | OVERCURRENT PROTECTION | Works over 105% of rating and recovers automatically | | | | | | | |
| | REMOTE ON/OFF | Provided (Negative logic L : ON, H : OFF) | | | | | | | |

| MODEL | SUS3243R3 | SUS32405 | SUS32412 | SUS32415 | SUS3483R3 | SUS34805 | SUS34812 | SUS34815 |
|-----------------------|---------------|----------|----------|----------|-----------|----------|----------|----------|
| MAX OUTPUT WATTAGE[W] | 1.98 | 3 | 3 | 3 | 1.98 | 3 | 3 | 3 |
| DC OUTPUT | VOLTAGE[V] ※1 | 3.3 | 5 | 12 | 15 | 3.3 | 5 | 12 |
| | CURRENT[A] | 0.6 | 0.6 | 0.25 | 0.2 | 0.6 | 0.6 | 0.25 |

SPECIFICATIONS

| | MODEL | SUS3243R3 | SUS32405 | SUS32412 | SUS32415 | SUS3483R3 | SUS34805 | SUS34812 | SUS34815 |
|-------------------------------|------------------------------------|--|-------------|---------------|---------------|-------------|-------------|---------------|---------------|
| INPUT | VOLTAGE[V] | DC18 - 36 | | | | DC36 - 76 | | | |
| | CURRENT[A] ※2 | 0.110typ | 0.159typ | 0.155typ | 0.157typ | 0.056typ | 0.080typ | 0.078typ | 0.078typ |
| | EFFICIENCY[%] ※2 | 75typ | 79typ | 81typ | 80typ | 74typ | 79typ | 81typ | 81typ |
| OUTPUT | VOLTAGE[V] | 3.3 | 5 | 12 | 15 | 3.3 | 5 | 12 | 15 |
| | CURRENT[A] | 0.6 | 0.6 | 0.25 | 0.2 | 0.6 | 0.6 | 0.25 | 0.2 |
| | LINE REGULATION[mV] | 20max | 20max | 48max | 60max | 20max | 20max | 48max | 60max |
| | LOAD REGULATION[mV] | 40max | 40max | 100max | 120max | 40max | 40max | 100max | 120max |
| | RIPPLE[mVp-p] | -20 to +55℃ ※3 | 80max | 80max | 120max | 120max | 80max | 80max | 120max |
| | | -40 to -20℃ ※3 | 120max | 120max | 150max | 150max | 120max | 120max | 150max |
| | RIPPLE NOISE[mVp-p] | -20 to +55℃ ※3 | 120max | 120max | 150max | 150max | 120max | 120max | 150max |
| | | -40 to -20℃ ※3 | 200max | 200max | 200max | 200max | 200max | 200max | 200max |
| | TEMPERATURE REGULATION[mV] | -20 to +55℃ | 50max | 50max | 150max | 180max | 50max | 50max | 150max |
| | | -40 to +55℃ | 80max | 80max | 240max | 290max | 80max | 80max | 240max |
| PROTECTION CIRCUIT AND OTHERS | DRIFT[mV] ※4 | 20max | 20max | 48max | 60max | 20max | 20max | 48max | 60max |
| | START-UP TIME[ms] | 20max (Minimum input, Io=100%) | | | | | | | |
| | OUTPUT VOLTAGE ADJUSTMENT RANGE[V] | Fixed (TRM pin open) ±5% adjustable by external VR | | | | | | | |
| | OUTPUT VOLTAGE SETTING[V] (±3%) | 3.21 - 3.42 | 4.90 - 5.21 | 11.64 - 12.36 | 14.55 - 15.45 | 3.21 - 3.42 | 4.90 - 5.21 | 11.64 - 12.36 | 14.55 - 15.45 |
| PROTECTION CIRCUIT AND OTHERS | OVERCURRENT PROTECTION | Works over 105% of rating and recovers automatically | | | | | | | |
| | REMOTE ON/OFF | Provided (Negative logic L : ON, H : OFF) | | | | | | | |