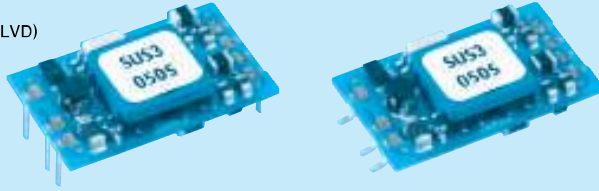


SUS3

SU S 3 12 05 B P - □
 ① ② ③ ④ ⑤ ⑥ ⑦ ⑧



- ① Series name
- ② Single output
- ③ Output wattage
- ④ Input voltage
- ⑤ Output voltage
- ⑥ Mounting type
- ⑦ B : SMD
C : DIP
- ⑧ Packing form
Blank: Plastic cover
P : Pallet (SMD type)
- ⑨ 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] *	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] *	0.536typ	0.780typ	0.760typ	0.760typ	0.218typ	0.317typ	0.309typ	0.313typ	
	EFFICIENCY[%] *	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°C *	80max	80max	120max	120max	80max	80max	120max	120max
		40 to -20°C *	120max	120max	150max	150max	120max	120max	150max	150max
	RIPPLE NOISE[mVp-p]	-20 to +55°C *	120max	120max	150max	150max	120max	120max	150max	150max
		40 to -20°C *	200max	200max	200max	200max	200max	200max	200max	200max
	TEMPERATURE REGULATION[mV]	-20 to +55°C *	50max	50max	150max	180max	50max	50max	150max	180max
		40 to +55°C *	80max	80max	240max	290max	80max	80max	240max	290max
DRIFT[mV] *	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] *	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] *	0.110typ	0.159typ	0.155typ	0.157typ	0.056typ	0.080typ	0.078typ	0.078typ	
	EFFICIENCY[%] *	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°C *	80max	80max	120max	120max	80max	80max	120max	120max
		40 to -20°C *	120max	120max	150max	150max	120max	120max	150max	150max
	RIPPLE NOISE[mVp-p]	-20 to +55°C *	120max	120max	150max	150max	120max	120max	150max	150max
		40 to -20°C *	200max	200max	200max	200max	200max	200max	200max	200max
	TEMPERATURE REGULATION[mV]	-20 to +55°C *	50max	50max	150max	180max	50max	50max	150max	180max
		40 to +55°C *	80max	80max	240max	290max	80max	80max	240max	290max
DRIFT[mV] *	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)								