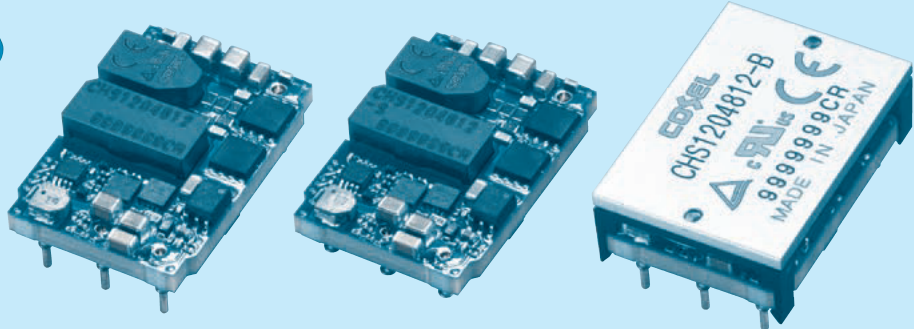


# CHS120

CH S 120 48 05 - □

① ② ③ ④ ⑤ ⑥



- ① Series name
- ② Single output
- ③ Output power
- ④ Input voltage  
24:DC18 - 36V  
48:DC36 - 76V
- ⑤ Output voltage  
3R3:3.3V  
05:5.0V  
12:12V  
15:15V
- ⑥ Optional  
R :with Remote ON/OFF  
  Positive logic control  
  U :Shut down in protection  
  circuit working  
S :SMD  
B :BasePlate option  
L2:Pin length 5.3mm  
L5:5pins option  
  (+S,-S,TRM less)

MODEL	CHS1202405	CHS1202412	CHS1202415
MAX OUTPUT WATTAGE[W]	120.0	120.0	120.0
DC OUTPUT	5V 24A	12V 10A	15V 8A

## SPECIFICATIONS

	MODEL	CHS1202405	CHS1202412	CHS1202415	
INPUT	VOLTAGE[V]	DC18 - 36			
	CURRENT[A]	*1 5.41typ	5.47typ	5.50typ	
	EFFICIENCY[%]	*1 92.5typ	91.5typ	91typ	
OUTPUT	VOLTAGE[V]	5	12	15	
	CURRENT[A]	24	10	8	
	LINE REGULATION[mV]	10max	24max	30max	
	LOAD REGULATION[mV]	10max	24max	30max	
	RIPPLE	[mVrms] *2	40max	50max	60max
		[mVp-p] *2	120max	150max	180max
	RIPPLE NOISE[mVp-p] *2	150max	180max	210max	
	TEMPERATURE REGULATION[mV]	100max	240max	300max	
	DRIFT[mV] *3	20max	40max	50max	
	START-UP TIME[ms]	50max (DCIN 24V, Io=100%)			
	OUTPUT VOLTAGE ADJUSTMENT RANGE *4	Fixed (TRM pin open), adjustable by external resistor -10% / +20%		-10% / +10%	-10% / +5%
OUTPUT VOLTAGE SETTING	±1.6%				
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION	Works over 105% of rating (Auto restart)			
	OVERVOLTAGE PROTECTION	125% - 150% (Auto restart)	115% - 135% (Auto restart)	110% - 130% (Auto restart)	
	REMOTE SENSING	Provided			
	REMOTE ON/OFF	Provided (Negative logic L:ON, H:OFF)			

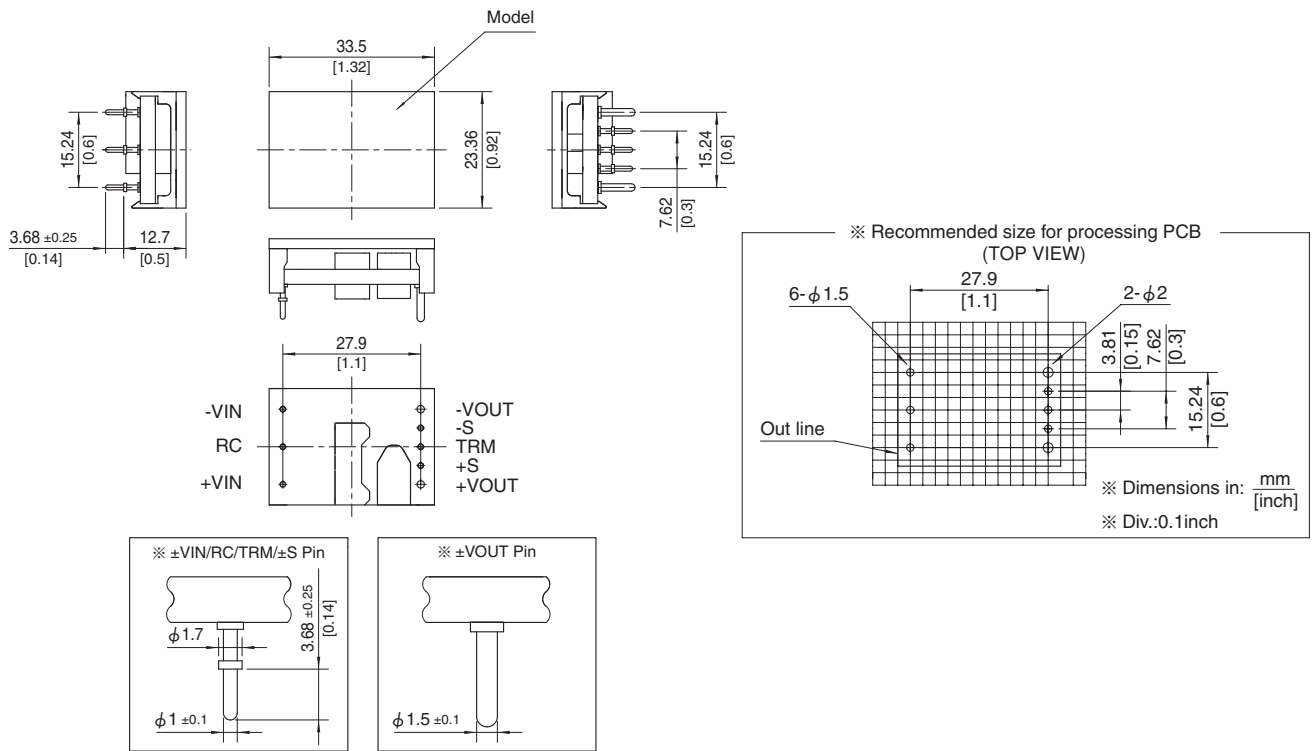
MODEL	CHS120483R3	CHS1204805	CHS1204812
MAX OUTPUT WATTAGE[W]	99.0	120.0	120.0
DC OUTPUT	3.3V 30A	5V 24A	12V 10A

## SPECIFICATIONS

	MODEL	CHS120483R3	CHS1204805	CHS1204812	
INPUT	VOLTAGE[V]	DC36 - 76			
	CURRENT[A]	*1 2.23typ	2.69typ	2.69typ	
	EFFICIENCY[%]	*1 92.5typ	93typ	93typ	
OUTPUT	VOLTAGE[V]	3.3	5	12	
	CURRENT[A]	30	24	10	
	LINE REGULATION[mV]	10max			
	LOAD REGULATION[mV]	10max			
	RIPPLE	[mVrms] *2	30max	30max	50max
		[mVp-p] *2	80max	100max	150max
	RIPPLE NOISE[mVp-p] *2	120max	150max	180max	
	TEMPERATURE REGULATION[mV]	66max	100max	240max	
	DRIFT[mV] *3	16max	20max	40max	
	START-UP TIME[ms]	50max (DCIN 48V, Io=100%)			
	OUTPUT VOLTAGE ADJUSTMENT RANGE *4	Fixed (TRM pin open), adjustable by external resistor -10% / +15%		-10% / +20%	-10% / +10%
OUTPUT VOLTAGE SETTING	±1.6%				
PROTECTION CIRCUIT AND OTHERS	OVERCURRENT PROTECTION	Works over 105% of rating (Auto restart)			
	OVERVOLTAGE PROTECTION	120% - 140% (Auto restart)	125% - 145% (Auto restart)	115% - 135% (Auto restart)	
	REMOTE SENSING	Provided			
	REMOTE ON/OFF	Provided (Negative logic L:ON, H:OFF)			



### 3. BasePlate (optionB)



### 4. 5pins type (option L5)

