

PS SERIES (SINGLE OUTPUT)

General Information

Switching Mode Power Supply

DC-DC Converter

Noise Filter

Solid State Relay

AC FAN Motor

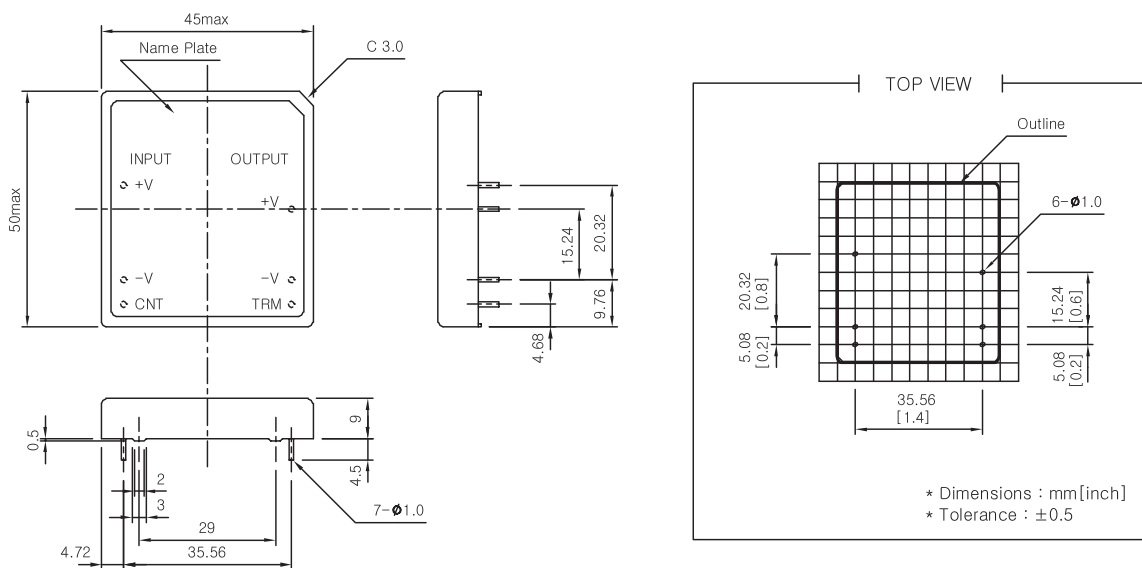
Power Module

Discrete Semiconductors

PS15-S SPECIFICATIONS

	MODEL	PS15-1205	PS15-1212	PS15-1215	PS15-2405	PS15-2412	PS15-2415	PS15-4805	PS15-4812	PS25-4815
INPUT	VOLTAGE	DC12V(9.0~18.0V)			DC24V(18~36V)			DC48V(36~72V)		
	EFFICIENCY	80%			83%			82%		
OUTPUT	VOLTAGE [V]	5	12	15	5	12	15	5	12	15
	CURRENT [A]	2.4	1.3	1.0	2.4	1.3	1.0	2.4	1.3	1.0
	REGULATION, LINE [mV]	20Max	50Max	60Max	20Max	50Max	60Max	20Max	50Max	60Max
	REGULATION, LOAD [mV]	30Max	70Max	90Max	30Max	70Max	90Max	30Max	70Max	90Max
	RIPPLE [mVp-p]	80Max	120Max	120Max	80Max	150Max	120Max	80Max	120Max	120Max
	RIPPLE, NOISE [mVp-p]	120Max	150Max	150Max	120Max	1250Ma	150Max	120Max	150Max	150Max
	TEMPERATURE DRIFT -10~+50°C [mV]	90Max	216Max	270Max	90Max	216Max	270Max	90Max	216Max	270Max
	OUTPUT VOLTAGE SETTING [V]	Internally fixed (±5% adjustable by external pot (TRM))								
PROTECTION CIRCUIT	OVER CURRENT PROTECTION	Works at over 105%~ 140% of rating.								
	OVER VOLTAGE PROTECTION	Works at over 115%~ 140% of rating.								
ELECTRICALLY ISOLATED	INPUT-OUTPUT	AC500V 1 minute, current 10mA, DC500V More Than 100MΩ								
	INPUT-CASE	AC500V 1 minute, current 10mA, DC500V More Than 100MΩ								
	OUTPUT-CASE	AC500V 1 minute, current 10mA, DC500V More Than 100MΩ								
ENVIRONMENT	OPERATING TEMP AND HUMID	-20~+70°C, 20~ 95%RH (Non Condensing)								
	STORAGE TEMP AND HUMID	-40~+85°C, 20~ 95%RH (Non Condensing)								
	VIBRATION	10~ 55Hz at 1G, 3minutes period for 60 minutes each along X,Y and Z axis								
	IMPACT	10G for 20ms once on each X, Y and Z axis								

PS15-S EXTERNAL VIEW



- * Weight : 55g
- * Tolerance : ±0.5
- * Dimensions in mm