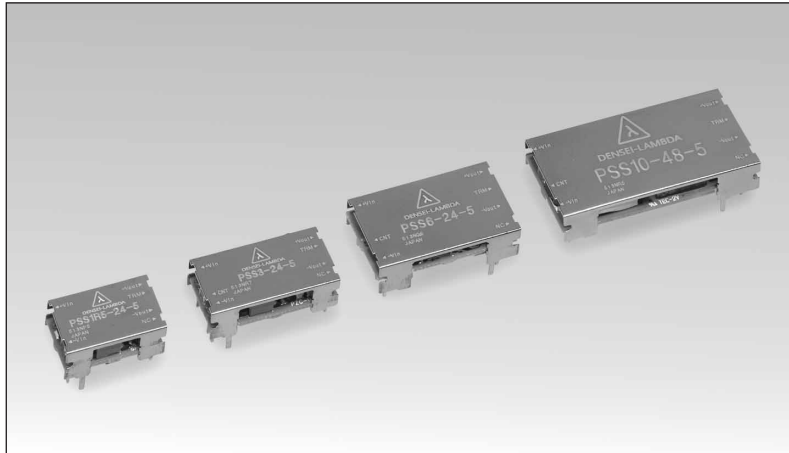




Model name

PSS 3 - 12 - 5

Series name Output power Input voltage Output voltage

Features

- RoHS Compatible Design (5th Generation Concept)
- Suitable for computer, telecommunication, FA control, Amusement application
- Wide operating temperature (-40 to 85degC with derating)
- Long Life design: Employ only ceramic capacitor.
- SMD type is coming soon.

Safety standard

UL60950-1, CSA60950-1 EN60950-1

PSS1R5 (1.5W type) Specifications

Model		PSS1R5 -5-3R3	PSS1R5 -5-5	PSS1R5 -5-12	PSS1R5 -12-3R3	PSS1R5 -12-5	PSS1R5 -12-12	PSS1R5 -24-3R3	PSS1R5 -24-5	PSS1R5 -24-12	PSS1R5 -48-3R3	PSS1R5 -48-5	PSS1R5 -48-12
Input Voltage	VDC	5VDC (4.5 ~ 9V)			12VDC (9 ~ 18V)			24VDC (18 ~ 36V)			48VDC(36 ~ 76V)		
Output Voltage	VDC	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)
Output Current	A	0.4	0.3	0.13 (0.1)	0.4	0.3	0.13 (0.1)	0.4	0.3	0.13 (0.1)	0.4	0.3	0.13 (0.1)
Output Power (max)	W	1.32	1.5	1.56	1.32	1.5	1.56	1.32	1.5	1.56	1.32	1.5	1.56
Size (W x H x D)	mm	20.0 x 8.0 x 16.0											

PSS3 (3W type) Specifications

Model		PSS3 -5-3R3	PSS3 -5-5	PSS3 -5-12	PSS3 -12-3R3	PSS3 -12-5	PSS3 -12-12	PSS3 -24-3R3	PSS3 -24-5	PSS3 -24-12	PSS3 -48-3R3	PSS3 -48-5	PSS3 -48-12
Input Voltage	VDC	5VDC (4.5 ~ 9V)			12VDC (9 ~ 18V)			24VDC (18 ~ 36V)			48VDC(36 ~ 76V)		
Output Voltage	VDC	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)
Output Current	A	0.6	0.6	0.25 (0.2)	0.6	0.6	0.25 (0.2)	0.6	0.6	0.25 (0.2)	0.6	0.6	0.25 (0.2)
Output Power (max)	W	1.98	3.0	3.0	1.98	3.0	3.0	1.98	3.0	3.0	1.98	3.0	3.0
Size (W x H x D)	mm	26.0 x 8.0 x 16.0											

PSS6 (6W type) Specifications

Model		PSS6 -5-3R3	PSS6 -5-5	PSS6 -5-12	PSS6 -12-3R3	PSS6 -12-5	PSS6 -12-12	PSS6 -24-3R3	PSS6 -24-5	PSS6 -24-12	PSS6 -48-3R3	PSS6 -48-5	PSS6 -48-12
Input Voltage	VDC	5VDC (4.5 ~ 9V)			12VDC (9 ~ 18V)			24VDC (18 ~ 36V)			48VDC(36 ~ 76V)		
Output Voltage	VDC	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)
Output Current	A	1.2	1.0	0.5 (0.4)	1.5	1.2	0.5 (0.4)	1.5	1.2	0.5 (0.4)	1.5	1.2	0.5 (0.4)
Output Power (max)	W	3.96	5.0	6.0	4.95	6.0	6.0	4.95	6.0	6.0	4.95	6.0	6.0
Size (W x H x D)	mm	28.5 x 8.0 x 20.5											

PSS10 (10W type) Specifications

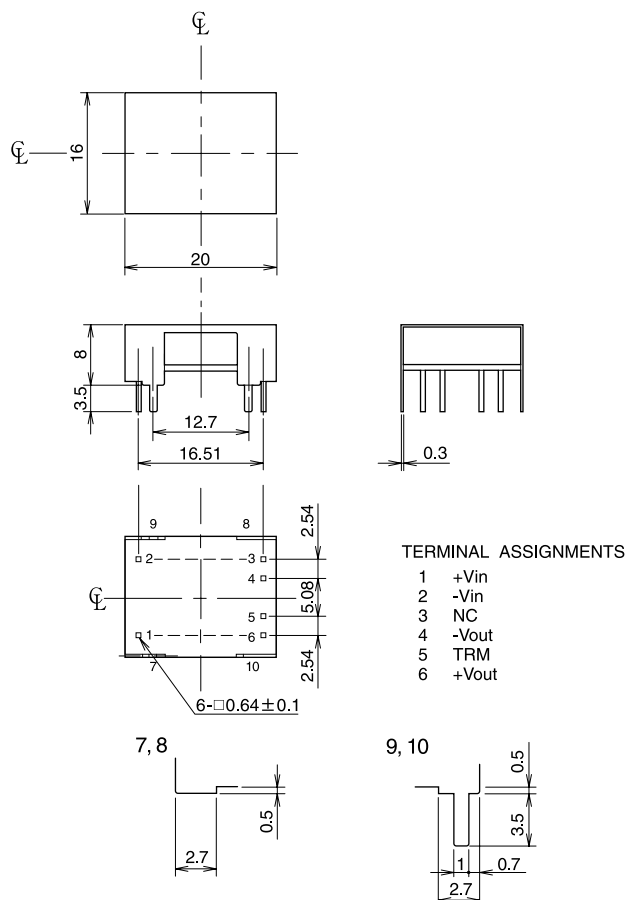
Model		PSS10 -5-3R3	PSS10 -5-5	PSS10 -5-12	PSS10 -12-3R3	PSS10 -12-5	PSS10 -12-12	PSS10 -24-3R3	PSS10 -24-5	PSS10 -24-12	PSS10 -48-3R3	PSS10 -48-5	PSS10 -48-12
Input Voltage	VDC	5VDC (4.5 ~ 9V)			12VDC (9 ~ 18V)			24VDC (18 ~ 36V)			48VDC(36 ~ 76V)		
Output Voltage	VDC	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)	3.3	5	12 (15)
Output Current	A	2.5	1.6	0.8 (0.64)	2.5	2.0	1.0 (0.8)	2.5	2.0	1.0 (0.8)	2.5	2.0	1.0 (0.8)
Output Power (max)	W	8.25	8.0	9.6	8.25	10.0	12.0	8.25	10.0	12.0	8.25	10.0	12.0
Size (W x H x D)	mm	40.5 x 8.0 x 22.0											

Common specifications

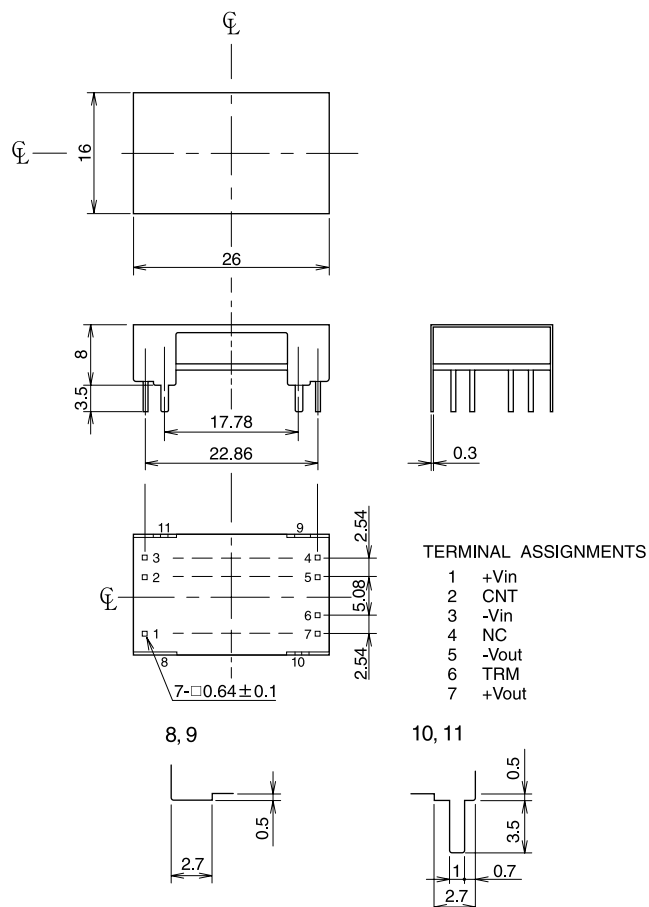
Withstand Voltage	Input - Output, Input - Case: 500VAC for 1 min (20mA)
Cooling	Convection cooling / Forced air cooling
Operating Temperature	-40°C ~ +85°C with derating
Over Current Protection	Yes. Constant current limiting with automatic recovery.

Outline drawing

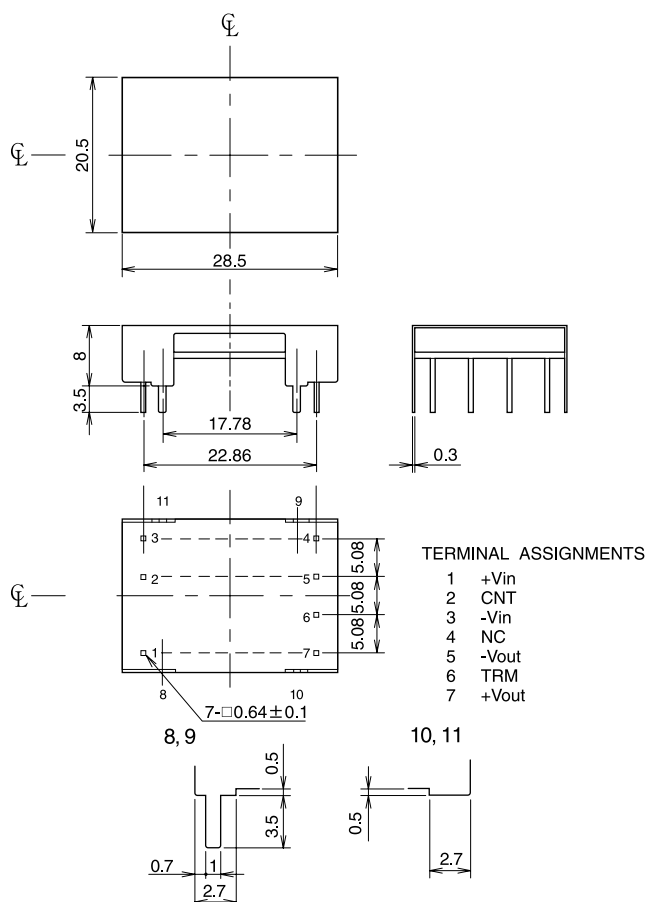
• PSS1R5 (1.5W type)



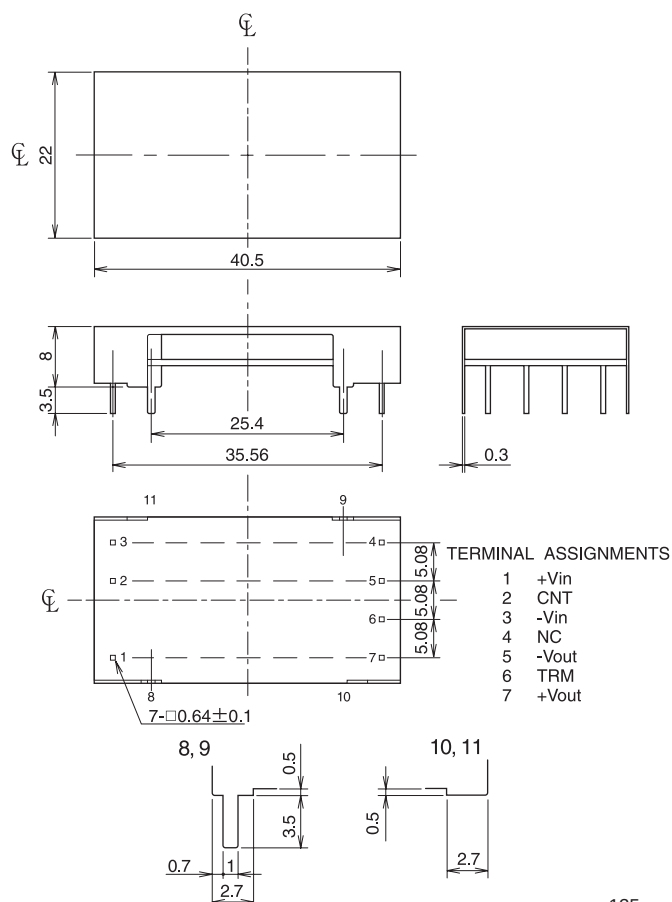
• PSS3 (3W type)



• PSS6 (6W type)



• PSS10 (10W type)



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