

Package 1 Size: 0.60 x 0.31 x 0.29 inches Package 2 Size: 0.60 x 0.31 x 0.33 inches Weight: 0.06oz (1.8g)

SPECIFICATIONS: RC SERIES

## **FEATURES**

- 1 Watt Output Power
- RoHS Compliant
- Unregulated Single & Dual Outputs
- High I/O Isolation: 3000VDC
- No External Components Required
- Tape and Reel Available (350 piece MOQ)
- -40°C to +85°C Operating Temperature
- 22-PIN SMT Package and Industry Standard Pin-out
- High Efficiency up to 80%
- Recognized by UL60950-1
- MTBF > 3,500,000 Hours

# **DESCRIPTION**

The RC series of 1 watt DC/DC power converters are specially designed to provide high levels of isolation in a 22-PIN SMT package. This series consists of 50 models with nominal input voltages of 3.3V, 5V, 9V, 12V, and 15V and standard unregulated output voltages of 3.3V, 5V, 9V, 12V, and 15V in both single and dual output configurations. The RC series is highly suitable for high speed SMT pick-and-place machine operation. The operating temperature range of -40°C to +85°C is ideal for designers requiring industrial temperature operation. The RC series is RoHS compliant and has UL60950-1 safety approvals.

All specifications		out Voltage, and Maximum Output C specifications based on technologic		erwise note	ed.		
SPECIFICATION				Тур	Max	Unit	
INPUT SPECIFICATIONS			Min	1,75	Max	OTHE	
	3.3VDC nominal input model	2.97	3.3	3.63			
	5VDC nominal input models	4.5	5	5.5			
Input Voltage Range	9VDC nominal input models	8.1	9	9.9	VDC		
	12VDC nominal input models	10.8	12	13.2			
	15VDC nominal input models	13.5	15	16.5			
Input Filter	100 Bo Hommar inpat modele	•	capacitor				
OUTPUT SPECIFICATIONS							
Output Voltage				See	Table		
Output Voltage Tolerance	100% full load				±5	%	
Line Regulation	For Vin change of 1%			1.2		%	
3		3.3 VDC output models		15		, ,	
		5VDC output models			12		
Load Regulation	10% to 100% full load	9VDC output models			8.0	%	
Load Rogaldion	1070 to 10070 fail foad	12 VDC output models			8.5	%	
		15VDC output models			7.0		
Output Current		10 V DO output models		See	Table		
Output Power				000	1	W	
Minimum Load			10			%	
Ripple & Noise	20MHz limited bandwidth		10		75	mVp-p	
Transient Response Setting Time	50% load step change		350	70	μs		
PROTECTION	30 % load step change			330		μο	
Short Circuit Protection				nc	ne		
GENERAL SPECIFICATIONS				110	) i i		
Efficiency				See	Table		
Switching Frequency	Nominal input and full load			100	Table	KHz	
Isolation Voltage (Input to Output)	14011IIIIai IIIpat ana iai ioaa		3000	100		VDC	
Isolation Resistance	500VDC		1000			MΩ	
ENVIRONMENTAL SPECIFICATION			1000			17122	
Operating Ambient Temperature	See derating curve		-40		+85	°C	
Humidity	Non-condensing				95	% RH	
Cooling	<u> </u>			Free air o	convection	1	
MTBF	MIL-HDBK-217F at 25°C, gro	ound benign	3,500,000			hours	
PHYSICAL SPECIFICATIONS							
Case Material				D.	AP		
Weight	Package 1 & Package 2	0.06oz (1.8g)					
	Package 1	0.60 x 0.31 x 0.29 inches (15.24 x 8.0 x 7.30 mm)					
Dimensions (L x W x H)	Package 2	0.60 x 0.31 x 0.33 inches (15.24 x 8.0 x 8.50 mm)					
SAFETY				13.24 X 0.0	7 × 0.50 HIIII	1	
Safety Approvals				I II 600	950-1 <sup>(3)</sup>		
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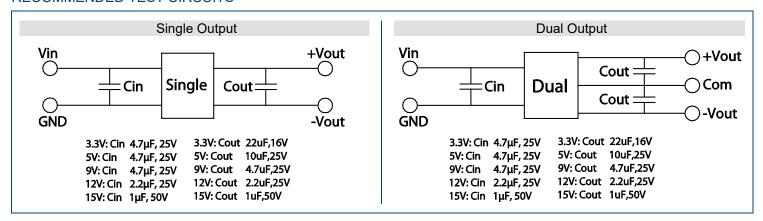
MODEL SELECTION TABLE									
SINGLE OUTPUT MODELS									
	1 ()///	0 1 11/11		Current		Ripple &	0 1 1 0	Etc. : (3)	Package
Model Number	Input Voltage	Output Voltage	Min <sup>(1)</sup>	Max	Load Reg.	Noise	Output Power	Efficiency <sup>(2)</sup>	Type
RC33S33-303NH		3.3 VDC	30.3mA	303mA	15%	75mVp-p	1W	65%	1
RC33S5-200NH	3.3 VDC	5 VDC	20mA	200mA	12%	75mVp-p	1W	70%	1
RC33S9-112NH	(2.97 - 3.63	9 VDC	11.2mA	112mA	8.0%	75mVp-p	1W	75%	1
RC33S12-83NH	VDC)	12 VDC	8.4mA	84mA	8.5%	75mVp-p	1W	78%	2
RC33S15-67NH	<b>1</b>	15 VDC	6.7mA	67mA	7.0%	75mVp-p	1W	80%	2
RC5S33-303NH		3.3 VDC	30.3mA	303mA	15%	75mVp-p	1W	65%	1
RC5S5-200NH	E V/DC	5 VDC	20mA	200mA	12%	75mVp-p	1W	70%	1
RC5S9-112NH	5 VDC	9 VDC	11.2mA	112mA	8.0%	75mVp-p	1W	75%	1
RC5S12-83NH	(4.5 - 5.5 VDC)	12 VDC	8.4mA	84mA	8.5%	75mVp-p	1W	78%	2
RC5S15-67NH		15 VDC	6.7mA	67mA	7.0%	75mVp-p	1W	80%	2
RC9S33-303NH		3.3 VDC	30.3mA	303mA	15%	75mVp-p	1W	65%	1
RC9S5-200NH	0.1/00	5 VDC	20mA	200mA	12%	75mVp-p	1W	70%	1
RC9S9-112NH	9 VDC	9 VDC	11.2mA	112mA	8.0%	75mVp-p	1W	75%	 1
RC9S12-83NH	(8.1 - 9.9 VDC)	12 VDC	8.4mA	84mA	8.5%	75mVp-p	1W	78%	2
RC9S15-67NH	-	15 VDC	6.7mA	67mA	7.0%	75mVp-p	1W	80%	2
RC12S33-303NH		3.3 VDC	30.3mA	303mA	15%	75mVp-p	1W	65%	2
RC12S5-200NH	12 VDC	5 VDC	20mA	200mA	12%	75mVp-p	1W	70%	2
RC12S9-112NH	(10.8 - 13.2	9 VDC	11.2mA	112mA	8.0%	75mVp-p	1W	75%	2
RC12S12-83NH	(10.6 - 13.2 VDC)	12 VDC	8.4mA	84mA	8.5%	75mVp-p	1W	78%	2
RC12S15-67NH	VDC)	15 VDC	6.7mA	67mA	7.0%	75mVp-p	1W	80%	2
RC24S33-303NH		3.3 VDC	30.3mA	303mA	15%	75mVp-p	1W	65%	2
RC24S5-200NH	15 VDC	5 VDC	20mA	200mA	12%	75mVp-p	1W	70%	2
RC24S9-112NH	-	9 VDC	11.2mA	112mA	8.0%	75mVp-p	1W	75%	2
RC24S9-112N11	(13.5 - 16.5	12 VDC	8.4mA	84mA	8.5%	75mVp-p	1W	78%	2
RC24S15-67NH	VDC)	15 VDC	6.7mA	67mA	7.0%	75mVp-p	1W	80%	2
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		13 4 5 0				701117 6	1 * *		
			DUA	L OUTPUT	MODELS				
Model Number	Input Voltage	Output Voltage	DUA Output	L OUTPUT Current		Ripple &	Output Power	Efficiency <sup>(2)</sup>	Package
Model Number	Input Voltage	Output Voltage	Output Min <sup>(1)</sup>	AL OUTPUT Current Max	MODELS Load Reg.	Ripple & Noise	Output Power	Efficiency <sup>(2)</sup>	Package Type
Model Number RC33D33-150NH		Output Voltage ±3.3 VDC	Output Min <sup>(1)</sup> ±15mA	AL OUTPUT Current Max ±150mA	MODELS Load Reg. 15%	Ripple & Noise 75mVp-p	Output Power	Efficiency <sup>(2)</sup>	Package Type 1
Model Number RC33D33-150NH RC33D5-100NH	3.3 VDC	Output Voltage ±3.3 VDC ±5 VDC	Output Min <sup>(1)</sup> ±15mA ±10mA	AL OUTPUT Current Max ±150mA ±100mA	Load Reg. 15% 12%	Ripple & Noise 75mVp-p 75mVp-p	Output Power 1W 1W	Efficiency <sup>(2)</sup> 65% 70%	Package Type 1
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH	3.3 VDC (2.97 - 3.63	Output Voltage ±3.3 VDC ±5 VDC ±9 VDC	Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA	Current Max ±150mA ±100mA ±56mA	MODELS Load Reg. 15% 12% 8.0%	Ripple & Noise 75mVp-p 75mVp-p 75mVp-p	Output Power  1W  1W  1W	Efficiency <sup>(2)</sup> 65% 70% 75%	Package Type 1 1
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH	3.3 VDC	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC	Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA	MODELS Load Reg. 15% 12% 8.0% 8.5%	Ripple & Noise 75mVp-p 75mVp-p 75mVp-p 75mVp-p	Output Power  1W  1W  1W  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78%	Package Type 1 1 1 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH	3.3 VDC (2.97 - 3.63	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±34mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0%	Ripple & Noise 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p	Output Power  1W 1W 1W 1W 1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80%	Package Type 1 1 1 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH	3.3 VDC (2.97 - 3.63 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA	Current Max ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15%	Ripple & Noise 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p	Output Power  1W  1W  1W  1W  1W  1W  1W	65% 70% 75% 78% 80% 65%	Package Type 1 1 1 2 2 1
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH	3.3 VDC (2.97 - 3.63	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±10mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA ±100mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15% 12%	Ripple & Noise 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p	Output Power  1W 1W 1W 1W 1W 1W 1W 1W	65% 70% 75% 78% 80% 65% 70%	Package Type 1 1 1 2 2 1 1
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH	3.3 VDC (2.97 - 3.63 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±10mA ±5.6mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA ±100mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0%	Ripple & Noise 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p 75mVp-p	Output Power  1W	65% 70% 75% 78% 80% 65% 70% 75%	Package
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±100mA ±56mA ±42mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5%	Ripple & Noise 75mVp-p	Output Power  1W	65% 70% 75% 78% 80% 65% 70% 75% 78%	Package
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±100mA ±56mA ±42mA ±34mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0%	Ripple & Noise 75mVp-p	Output Power  1W	65% 70% 75% 78% 80% 65% 70% 75% 78% 80%	Package Type  1 1 1 2 2 1 1 1 2 2 2 2 2 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±3.3 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±5.6mA ±4.2mA ±3.4mA ±15mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15% 8.0% 8.5% 7.0% 15%	Ripple & Noise 75mVp-p	Output Power  1W	65% 70% 75% 78% 80% 65% 70% 75% 80% 65%	Package Type  1 1 1 2 2 1 1 1 2 1 1 1 1 1 1 1 1 1 1
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±15mA ±15mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±150mA ±56mA ±42mA ±34mA ±150mA ±150mA ±150mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15% 8.0% 8.5% 7.0% 15% 12%	Ripple & Noise 75mVp-p	Output Power  1W	65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70%	Package Type  1 1 1 2 2 1 1 2 1 1 1 1 1 1 1 1 1 1 1
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D33-150NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±49 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±9 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±15mA ±15mA ±15mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA ±56mA ±450mA	MODELS Load Reg. 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0%	Ripple & Noise 75mVp-p	Output Power  1W	65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75%	Package Type  1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±23.3 VDC  ±5 VDC  ±49 VDC  ±12 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±15mA ±15mA ±15mA ±15mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±150mA ±42mA ±150mA ±42mA ±150mA ±100mA ±56mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 8.0% 8.5%	Ripple & Noise 75mVp-p	Output Power  1W  1W  1W  1W  1W  1W  1W  1W  1W  1	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78%	Package Type  1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 2 2 1 2 1 2 2 1 2 1 2 2 1 2 2 1 2 2 1 2 2 2 2 1 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D5-100NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±12 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±12 VDC  ±15 VDC  ±12 VDC  ±15 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±15mA ±10mA ±15mA ±10mA ±10mA ±10mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±150mA ±42mA ±150mA ±150mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±34mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0%	Ripple & Noise 75mVp-p	Output Power  1W  1W  1W  1W  1W  1W  1W  1W  1W  1	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80%	Package Type  1 1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D5-100NH RC9D5-100NH RC9D5-100NH RC9D5-100NH RC9D15-33NH RC9D15-33NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±12 VDC  ±15 VDC  ±13 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±13 VDC  ±13 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±15mA ±10mA ±15mA ±10mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±150mA ±150mA ±150mA ±56mA ±150mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15%	Ripple & Noise 75mVp-p	Output Power  1W  1W  1W  1W  1W  1W  1W  1W  1W  1	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65%	Package Type  1 1 1 2 2 1 1 1 1 2 2 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D5-100NH RC9D9-55NH RC9D15-33NH RC9D33-150NH RC9D15-33NH RC9D15-33NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±15mA ±10mA ±5.6mA ±10mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±150mA ±100mA ±56mA ±42mA ±150mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12%	Ripple & Noise 75mVp-p	Output Power  1W  1W  1W  1W  1W  1W  1W  1W  1W  1	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 70%	Package Type  1 1 1 2 2 1 1 1 1 2 2 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D9-55NH RC9D15-33NH RC9D15-33NH RC9D15-33NH RC9D15-33NH RC9D15-33NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±10 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±5.6mA ±4.2mA ±5.6mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±56mA ±42mA ±56mA ±42mA ±56mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0%	Ripple & Noise 75mVp-p	Output Power  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75%	Package Type  1 1 1 2 2 1 1 1 1 2 2 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D5-100NH RC9D12-42NH RC9D15-33NH RC9D12-42NH RC9D15-33NH RC12D33-150NH RC12D33-150NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±12 VDC  ±12 VDC  ±12 VDC  ±12 VDC  ±12 VDC  ±13 VDC  ±12 VDC  ±13 VDC  ±5 VDC  ±12 VDC  ±12 VDC  ±12 VDC  ±12 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±10mA ±4.2mA ±3.4mA ±4.2mA ±3.4mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±34mA ±34mA ±150mA ±42mA ±34mA ±150mA ±42mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0%	Ripple & Noise 75mVp-p	Output Power  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78%	Package Type  1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D9-55NH RC9D12-42NH RC9D15-33NH RC9D15-33NH RC12D33-150NH RC12D33-150NH RC12D5-100NH RC12D5-10NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±15 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±15mA ±10mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±10mA ±4.2mA ±3.4mA ±15mA ±4.2mA ±3.4mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±150mA ±150mA ±160mA ±56mA ±42mA ±34mA ±150mA ±34mA ±150mA ±34mA ±150mA ±34mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0%	Ripple & Noise 75mVp-p	Output Power  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 80%	Package Type  1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC33D15-33NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D9-55NH RC9D12-42NH RC9D15-33NH RC12D33-150NH RC12D33-150NH RC12D5-100NH RC12D5-100NH RC12D5-33NH RC12D33-150NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC) 12 VDC (10.8 - 13.2 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±3.3 VDC  ±5 VDC  ±3.3 VDC  ±5 VDC  ±3.3 VDC  ±5 VDC  ±10 VDC  ±10 VDC  ±11 VDC  ±11 VDC  ±13 VDC  ±13 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±10mA ±4.2mA ±3.4mA ±15mA ±15mA ±15mA ±15mA ±15mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA ±150mA ±150mA ±150mA ±150mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0%	Ripple & Noise 75mVp-p	Output Power  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65%	Package Type  1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D5-55NH RC33D12-42NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D9-55NH RC9D12-42NH RC9D15-33NH RC9D15-33NH RC12D33-150NH RC12D33-150NH RC12D5-100NH RC12D5-55NH RC12D5-100NH RC12D5-55NH RC12D5-100NH RC12D5-33NH RC12D15-33NH RC12D15-33NH RC15D5-100NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC) 12 VDC (10.8 - 13.2 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±15 VDC  ±15 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±15mA ±10mA ±4.2mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±15mA ±15mA ±15mA ±15mA ±10mA ±15mA ±10mA ±15mA ±10mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA ±150mA ±150mA ±150mA ±150mA ±100mA ±56mA ±100mA ±56mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12%	Ripple & Noise 75mVp-p	Output Power  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 70% 75% 70%	Package Type  1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D9-55NH RC33D12-42NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D9-55NH RC9D12-42NH RC9D15-33NH RC9D15-33NH RC12D33-150NH RC12D33-150NH RC12D33-150NH RC12D5-100NH RC12D5-100NH RC12D9-55NH RC12D12-42NH RC12D15-33NH RC12D15-33NH RC15D33-150NH RC15D5-100NH RC15D5-100NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC) 12 VDC (10.8 - 13.2 VDC) 15 VDC (13.5 - 16.5	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±15 VDC  ±5 VDC  ±9 VDC  ±15 VDC  ±9 VDC  ±15 VDC  ±5 VDC  ±9 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±10mA ±4.2mA ±3.4mA ±15mA ±15mA ±10mA ±15mA ±10mA ±15mA ±10mA ±5.6mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA ±150mA ±150mA ±150mA ±150mA ±56mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0%	Ripple & Noise 75mVp-p	Output Power  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 77% 77% 78% 80% 65% 70% 75% 77% 78% 80% 65% 70% 75%	Package Type  1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 2 2 2 2
Model Number RC33D33-150NH RC33D5-100NH RC33D5-55NH RC33D12-42NH RC5D33-150NH RC5D5-100NH RC5D9-55NH RC5D12-42NH RC5D15-33NH RC9D33-150NH RC9D5-100NH RC9D9-55NH RC9D12-42NH RC9D15-33NH RC9D15-33NH RC12D33-150NH RC12D33-150NH RC12D5-100NH RC12D5-55NH RC12D5-100NH RC12D5-55NH RC12D5-100NH RC12D5-33NH RC12D15-33NH RC12D15-33NH RC15D5-100NH	3.3 VDC (2.97 - 3.63 VDC) 5 VDC (4.5 - 5.5 VDC) 9 VDC (8.1 - 9.9 VDC) 12 VDC (10.8 - 13.2 VDC)	Output Voltage  ±3.3 VDC  ±5 VDC  ±9 VDC  ±12 VDC  ±15 VDC  ±3.3 VDC  ±5 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±15 VDC  ±15 VDC  ±12 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±5 VDC  ±15 VDC  ±5 VDC  ±5 VDC  ±5 VDC	DUA Output Min <sup>(1)</sup> ±15mA ±10mA ±5.6mA ±4.2mA ±15mA ±10mA ±15mA ±10mA ±4.2mA ±3.4mA ±15mA ±10mA ±5.6mA ±4.2mA ±5.6mA ±4.2mA ±3.4mA ±15mA ±15mA ±15mA ±15mA ±15mA ±10mA ±15mA ±10mA ±15mA ±10mA	L OUTPUT Current Max ±150mA ±100mA ±56mA ±42mA ±150mA ±150mA ±150mA ±156mA ±42mA ±34mA ±150mA ±150mA ±100mA ±56mA ±42mA ±34mA ±150mA ±150mA ±150mA ±150mA ±150mA ±100mA ±56mA ±100mA ±56mA	MODELS Load Reg.  15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12% 8.0% 8.5% 7.0% 15% 12%	Ripple & Noise 75mVp-p	Output Power  1W	Efficiency <sup>(2)</sup> 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 78% 80% 65% 70% 75% 70% 75% 70%	Package Type  1 1 2 2 1 1 1 1 2 2 1 1 1 2 2 2 2 2 2

# **NOTES**

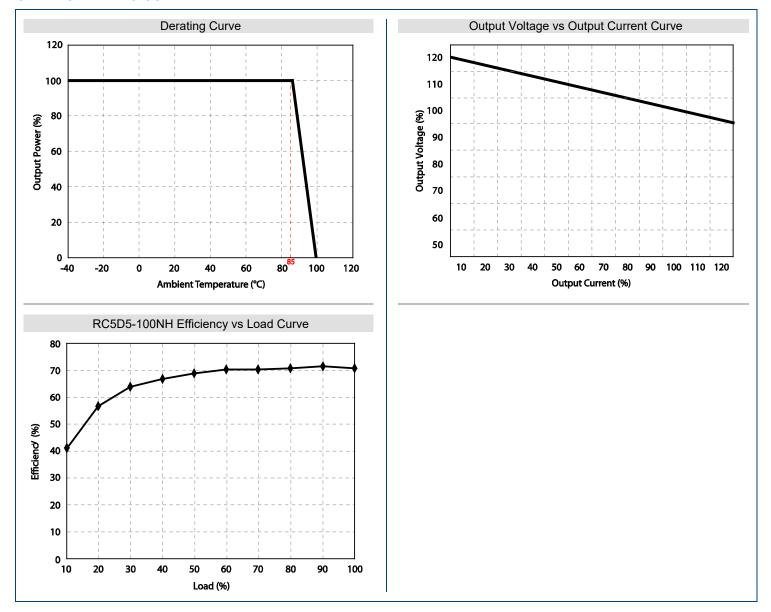
- 1. The RC series requires a ±10% minimum output load to maintain all specified regulations.
- 2. As the input voltage increases, the efficiency will also increase.
- 3. This product is Listed to applicable standards and requirements by UL.
- \*Due to advances in technology, specifications subject to change without notice.



## RECOMMENDED TEST CIRCUITS

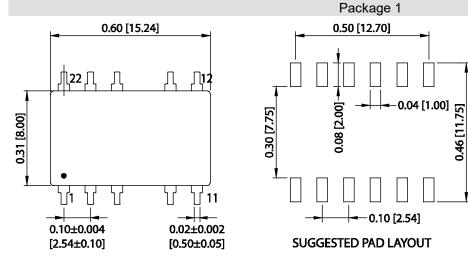


## CHARACTERISTIC CURVES -





## MECHANICAL DRAWINGS



## Notes

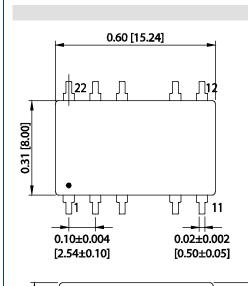
- 1. Unit: inches [mm]
- 2. Tolerance: ±0.01 [±0.25]
- 3. Case Material: DAP
- 4. Weight: 0.06oz (1.8g)

PIN CONNECTIONS					
Pin	Single	Dual			
1	-Vin	-Vin			
3	+Vin	+Vin			
5	NC	NC			
9	-Vout	Com			
11	NC	-Vout			
12	NC	NC			
14	+Vout	+Vout			
18	NC	NC			
20	NC	NC			
22	NC	NC			

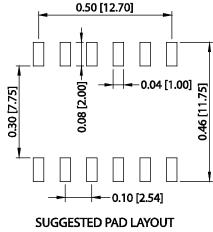
# 0.50 [12.70]



Package 2



0.50 [12.70]



# 0.43 [11.00]

0.32 [8.20]

## Notes

- 1. Unit: inches [mm]
- 2. Tolerance: ±0.01 [±0.25]
- 3. Case Material: DAP
- 4. Weight: 0.06oz (1.8g)

PIN CONNECTIONS						
Pin	Single	Dual				
1	-Vin	-Vin				
3	+Vin	+Vin				
5	NC	NC				
9	-Vout	Com				
11	NC	-Vout				
12	NC	NC				
14	+Vout	+Vout				
18	NC	NC				
20	NC	NC				
22	NC	NC				
		•				

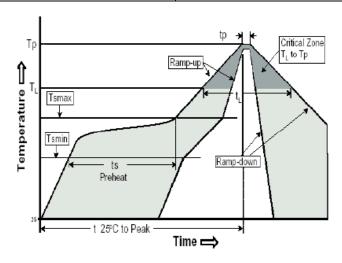
0.33 [8.50]



## **SOLDER DETAILS** -

# RoHS parts can withstand IR Reflow peak temperature: 240°C Max as the following profile.

Profile Feature	Pb-Free Assembly
Average Ramp-Up Rate (Ts <sub>max</sub> to Tp)	3°C/second max.
Preheat	O O/OCCOTA Max.
-Temperature Min (Ts <sub>min</sub> )	150°C
-Temperature Max (Ts max)	200°C
-Time (ts <sub>min</sub> to ts <sub>max</sub> )	60-180 seconds
Time Maintained Above:	
-Temperatuer (T <sub>L</sub> )	217°C
-Time (t∟)	60-150 seconds
Peak/Classification Temperature (Tp)	240°C MAX
Time within 5°C of actual peak	20-40 seconds
Temperature (tp)	20-40 Seconds
Ramp-Down Rate	6°C/seconds max.
Time 25°C to Peak Temperature	6 minutes max.



# MODEL NUMBER SETUP-

RC	15	S	15	-	67	N	Н
Series Name	Input Voltage	Output Quantity	Ouptut Voltage		Output Current	Unregulated	I/O Isolation
	<ul><li>33: 3.3 VDC</li><li>5: 5 VDC</li><li>9: 9 VDC</li><li>12: 12 VDC</li><li>15: 15 VDC</li></ul>	S: Single Output	33: 3.3 VDC 5: 5 VDC 9: 9 VDC 12: 12 VDC 15: 15 VDC		<ul><li>303: 303mA</li><li>200: 200mA</li><li>112: 112mA</li><li>83: 83mA</li><li>67: 67mA</li></ul>	<b>N</b> : Unregulated	H: 3000VDC
		<b>D:</b> Dual Output	33: ±3.3 VDC 5: ±5 VDC 9: ±9 VDC 12: ±12 VDC 15: ±15 VDC		150: ±150mA 100: ±100mA 55: ±56mA 42: ±42mA 33: ±34mA		



### COMPANY INFORMATION -

Wall Industries, Inc. has created custom and modified units for over 50 years. Our in-house research and development engineers will provide a solution that exceeds your performance requirements on-time and on budget. Our ISO9001: 2015 certification is just one example of our commitment to producing a high quality, well-documented product for our customers.

Our past projects demonstrate our commitment to you, our customer. Wall Industries, Inc. has a reputation for working closely with its customers to ensure each solution meets or exceeds form, fit and function requirements. We will continue to provide ongoing support for your project above and beyond the design and production phases. Give us a call today to discuss your future projects.

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