

Specifications (measured at $T_A = 25^\circ\text{C}$, nominal input voltage, full load and after warm-up)

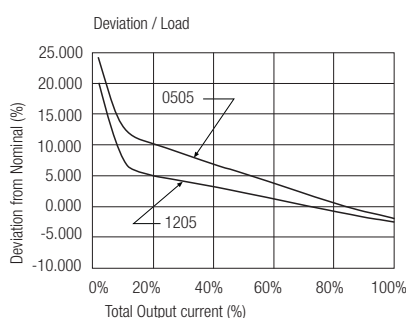
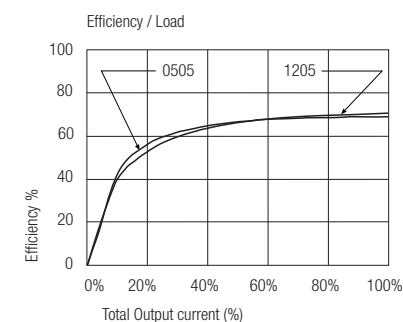
Storage Temperature Range	-55°C to +125°C		
Relative Humidity	95% RH		
Package Weight	2.4g		
Packing Quantity	25 pcs per Tube		
MTBF (+25°C)	Detailed Information see Application Notes chapter "MTBF"	using MIL-HDBK 217F	928 x 10 ³ hours
(+85°C)		using MIL-HDBK 217F	150 x 10 ³ hours
Certifications			
CSA General Safety	Report: E358085	CSA C22.2 No. 60950-1-03	
UL General Safety	Report: E358085	UL 60950-1 2nd Ed.	
EN General Safety	Report: SPCLVD1109103	EN60950-1:2006 + A12:2011	
EN Medical safety	Report: SPCMD1205098-4	IEC/EN60601-1:2006, 3rd Edition	

Notes

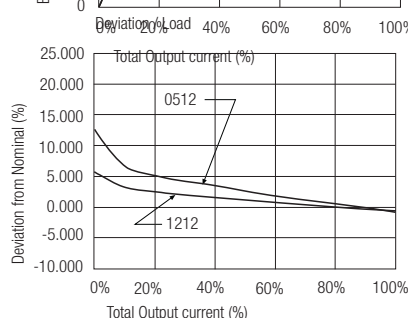
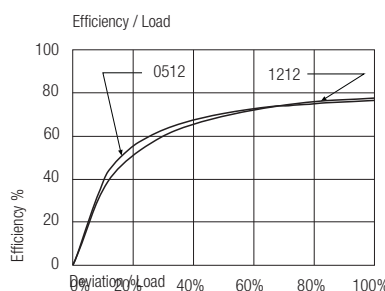
Note 1 Maximum capacitive load is defined as the capacitive load that will allow start up in under 1 second without damage to the converter.

Typical Characteristics

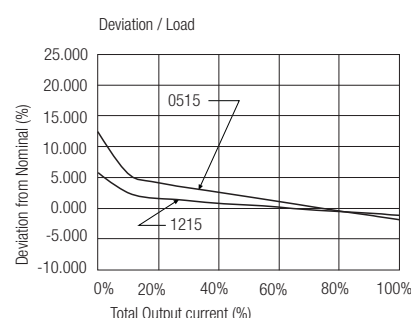
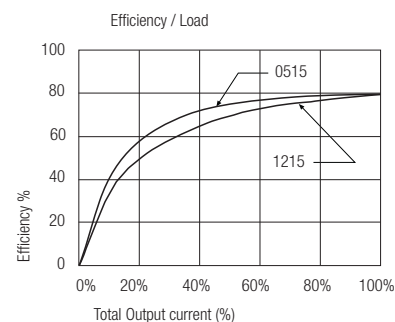
RP-xx05S



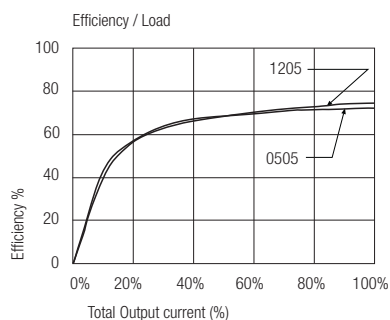
RP-xx12S



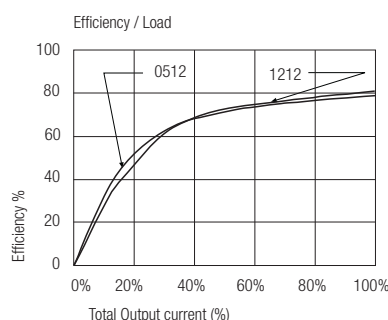
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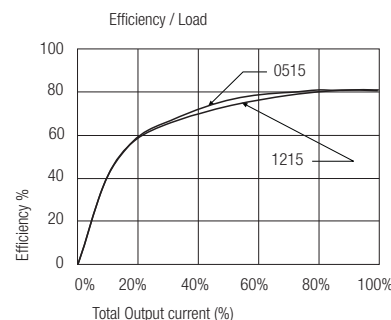
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RP-xx12D



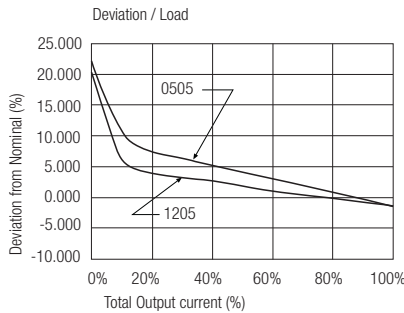
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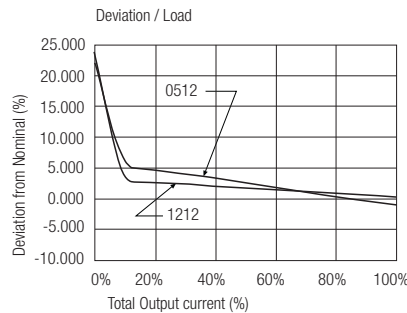
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Typical Characteristics

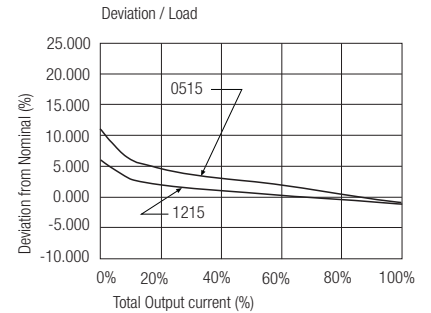
RP-xx05D



RP-xx12D

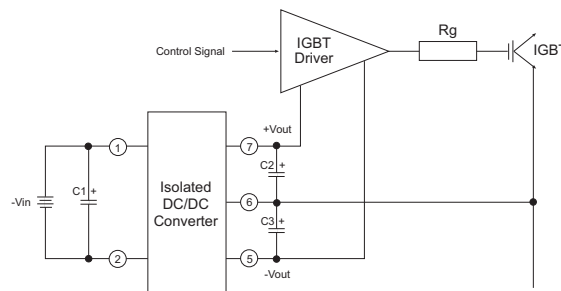


RP-xx15D



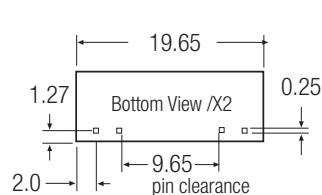
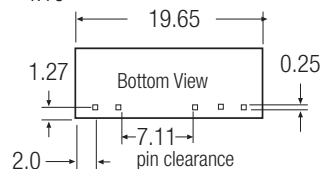
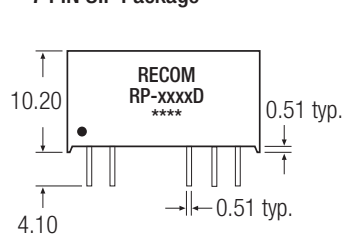
Application

**IGBT Application
Circuit**

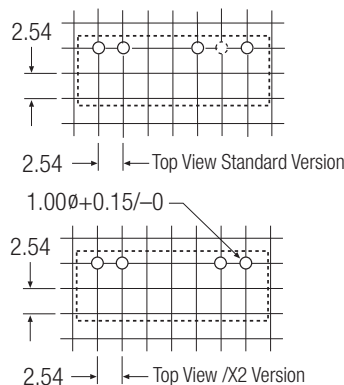


Package Style and Pinning (mm)

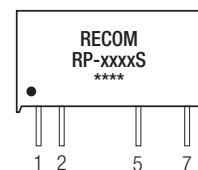
7 PIN SIP Package



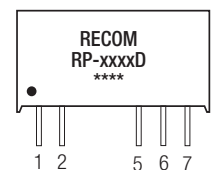
Recommended Footprint Details



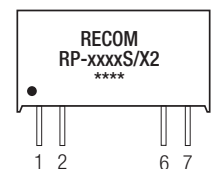
Single Output



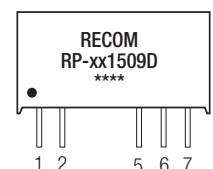
Dual Output



Single Output/X2



Dual Output



Pin Connections

Pin #	Single	Dual	/X2
1	+Vin	+Vin	+Vin
2	-Vin	-Vin	-Vin
5	-Vout	-Vout	No Pin
6	No Pin	Com	-Vout
7	+Vout	+Vout	+Vout

XX.X ± 0.5 mm

XX.XX ± 0.25 mm

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