Specifications (measured at T_A = 25°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

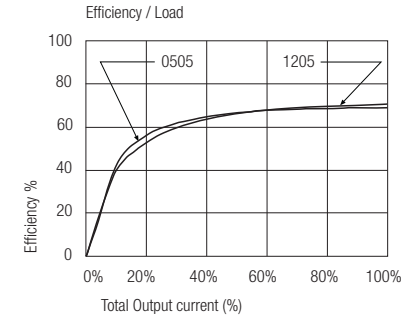
Certifications		
CSA General Safety	Report: E358085	CSA C22.2 No. 60950-1-03
UL General Safety	Report: E358085	UL 60950-1 2nd Ed.
EN General Safety	Report: SPCLVD1109103	EN60950-1:2006 + A12:2011
EN Medical safety	Report: SPCMDD1205098-4	IEC/EN60601-1:2006, 3rd Edition

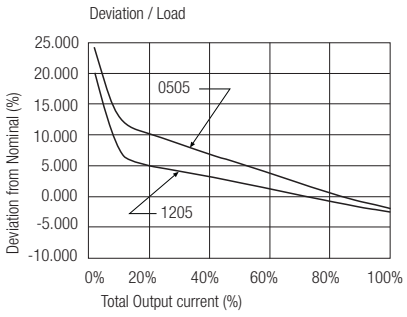
Notes

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.

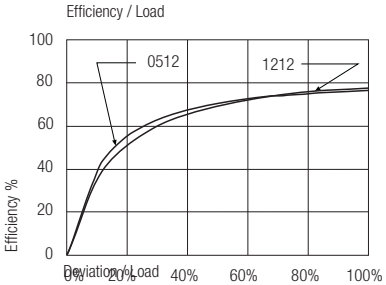
Typical Characteristics

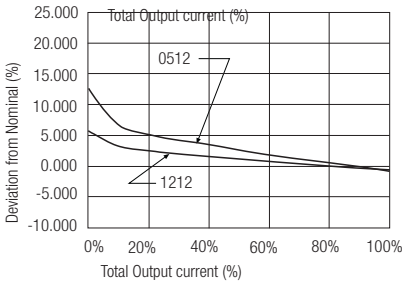
RP-xx05S





RP-xx12S





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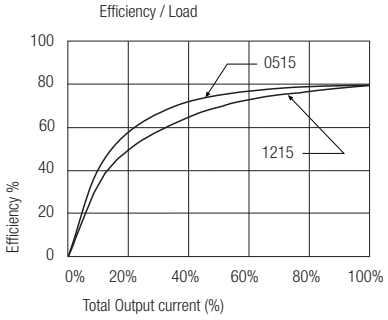

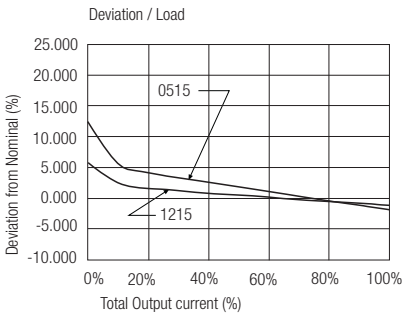

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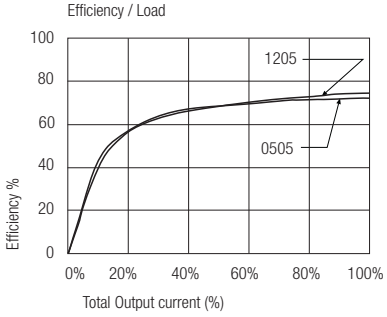

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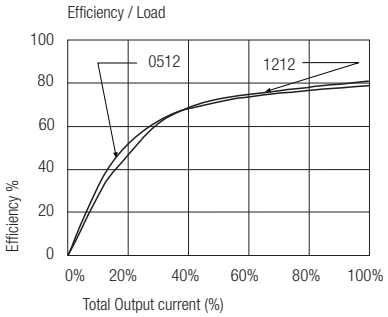

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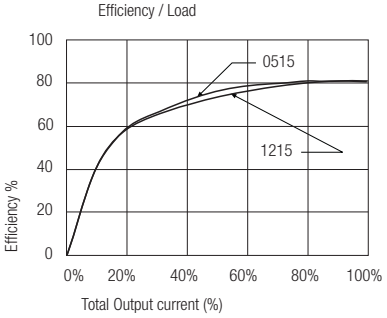

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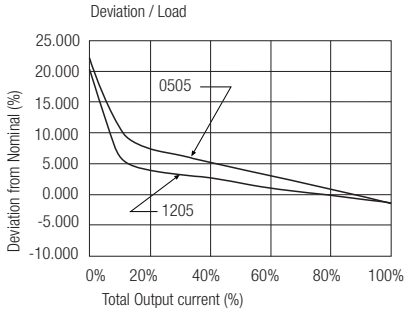
Typical Characteristics

RP-xx05D



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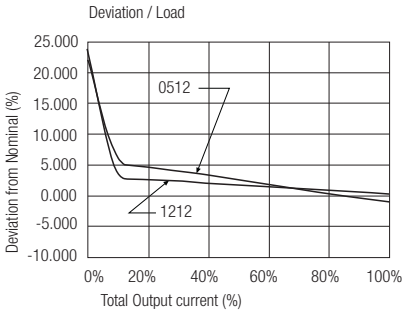

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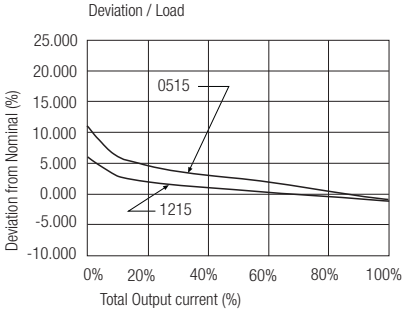
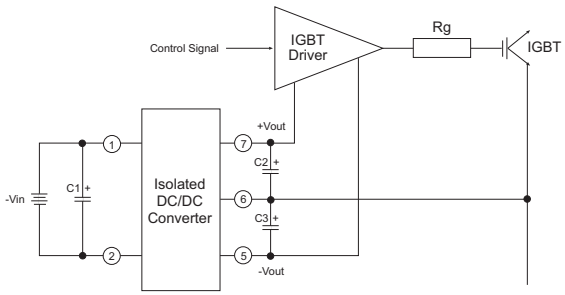


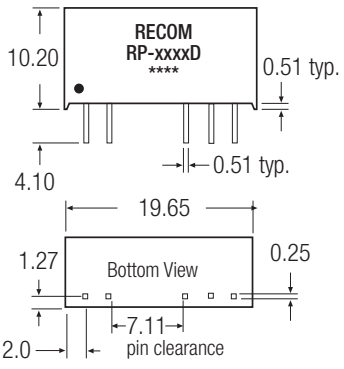
Application

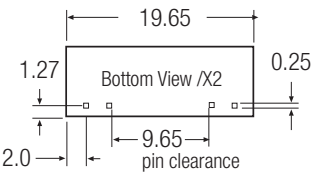
IGBT Application Circuit

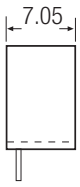


Package Style and Pinning (mm)

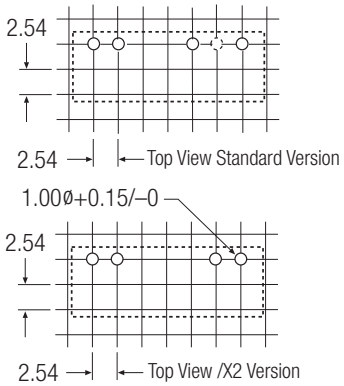
7 PIN SIP Package

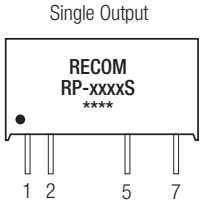


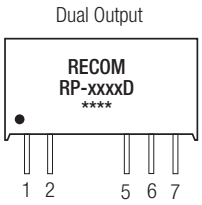


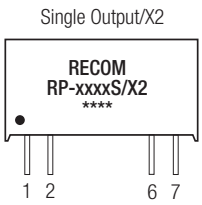


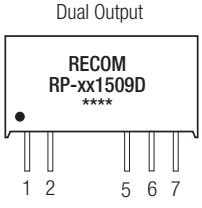
Recommended Footprint Details











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