

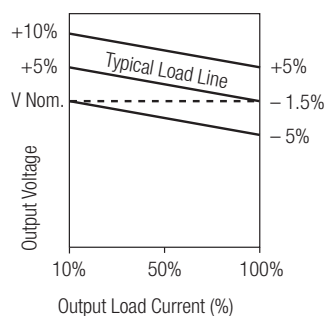
Specifications (measured at $T_A = 25^\circ\text{C}$, nominal input voltage, full load and after warm-up))

MTBF (+25°C)	} Detailed Information see Application Notes chapter "MTBF"	using MIL-HDBK 217F	2974 x 10³ hours
(+85°C)		using MIL-HDBK 217F	728 x 10³ hours
Reinforced Isolation			
Transformer Clearance	Reinforced Types		5.5 mm min.
PCB Creepage & Clearance	Reinforced Types		4.95 mm min.
Certifications			
Measurement, Control and Laboratory Use Safety		Report: T1301251-313	EN61010-1 : 2010
CSA General Safety		Report: 2207629	UL 60950-1 1st Ed. C22.2 No. 60950-1-03
UL/cUL Medical Safety		Report: E314885-A5	UL60601-1 1st Edition
CSA Medical Safety		Report: 2207629	CAN/CSA-22.2 No 601.1-M90
EN General Safety		Report: SPCLVD1310079-1	EN60950-1 : 2006
CB/EN Medical Safety		Report: CA-10169-A1-UL	IEC/EN 60601-1 3rd Edition
ANSI/AAMI Medical Safety		Report: E314885-A5	ES60601-1 3rd Edition

Notes

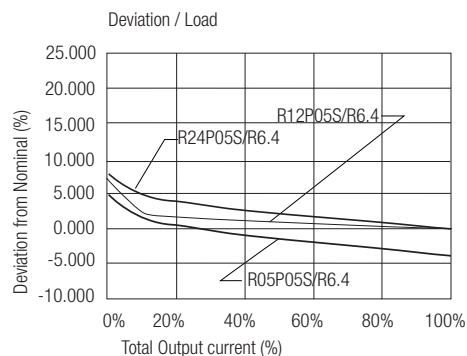
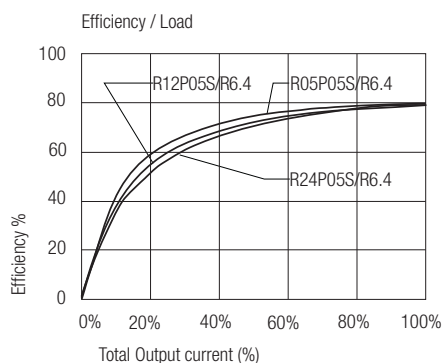
Note 1: Maximum capacitive load is defined as the capacitive load that will allow start up in under 1 second without damage to the converter.

Tolerance Envelope

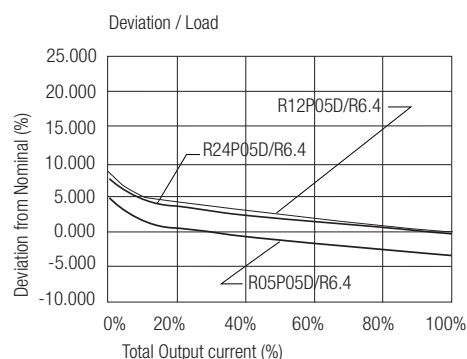
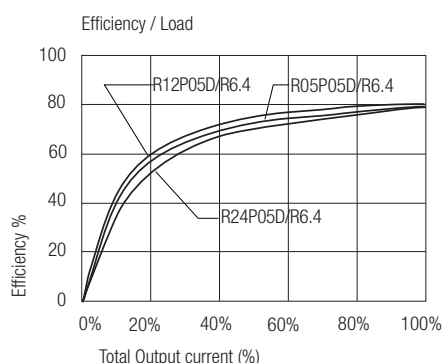


Typical Characteristics - Reinforced Version

RxxP05S/R6.4
RxxP05S/R8

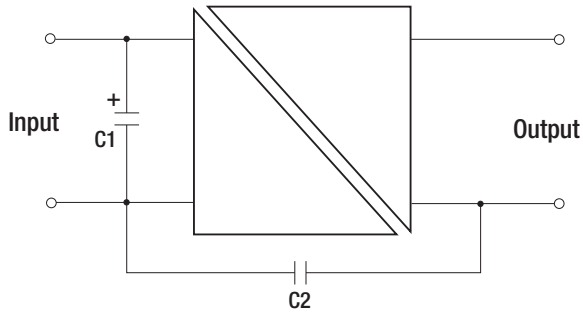


RxxP05D/R6.4
RxxP05D/R8



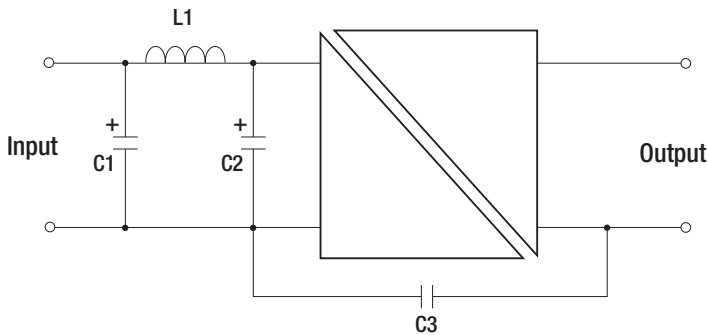
EMC Filter Suggestions for EN55022 Class A and B

EN55022 Class A



	C1	C2
RxxPxx/R6.4	10 μ F	2n2F 8kV Vishay HGZ222MBP
RxxPxx/R8	10 μ F	2n5F 10kV Vishay HGZ222MBP

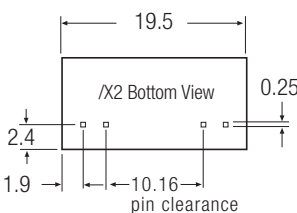
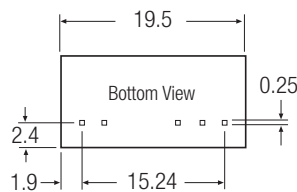
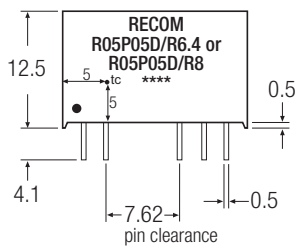
EN55022 Class B



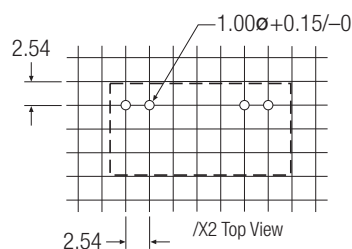
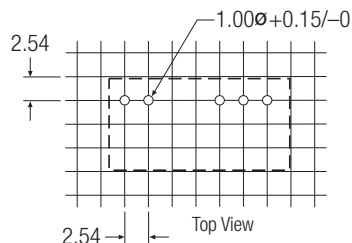
	C1	L1	C2	C3
RxxPxx/R6.4	10 μ F	470 μ H WE 7447471471	10 μ F	2n2F 8kV Vishay HGZ222MBP
RxxPxx/R8	10 μ F	470 μ H WE 7447471471	10 μ F	2n5F 10kV Vishay HGZ222MBP

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 $\pm$ 0.5 mm
XX.XX $\pm$ 0.25 mm