



Help

<div>Choose Calculator Type</div> <div>Buck</div>		IHLP-2020CZ-11 - 2.2 Buck μ H Ind. Loss Calculator										Ratings	
<div>Applications</div> <div>Commercial</div>												Inductance	2.2
<div>Family/Case Size</div> <div>IHLP-2020</div>												25° C DC Res	0.0225
<div>Series</div> <div>CZ-11</div>		Inputs: Enter data into yellow fields					Outputs					Isat	5.5
												I(Heat)	6.8
<div>Select Inductance:</div> <div>0.10 μH</div> <div>0.22 μH</div> <div>0.33 μH</div> <div>0.47 μH</div> <div>1.0 μH</div> <div>1.5 μH</div> <div>2.2 μH</div> <div>3.3 μH</div> <div>4.7 μH</div> <div>5.6 μH</div> <div>10 μH</div> <div>22 μH</div>		Frequency = 1000000 Hz				ET _{ckt} 2.40 V-usec		<div>Inductor Current (O</div> <div>Time (μSec)</div>					
I _{ind} = 2.5 Amps				F(eff) 794550.5 Hertz									
Ambient Temp = 25 °C				Res 0.025968 Ohms									
Volts In = 12 Volts				I _{max} 3.05 Amps									
Volts Out = 3.3 Volts				I _{min} 1.95 Amps									
V _{SW} = 0.025 Volts				I _{ripple} 1.09 Amps									
V _D = 0.025 Volts				Duty 0.28									
				P _{core} 0.123 Watts									
ET ₁₀₀ = 0.75 V-usec				P _{dc} 0.162 Watts									
B _{pk} = 320.5 G				P _{ac} 0.035 Watts									
A	0.216	Inch	5.49	mm	P _{tot} 0.320 Watts		<div>Warning Messages:</div>						
B	0.204	Inch	5.18	mm	Temp. Coeff. 33.3 °C/W								
C	0.118	Inch	3.0	mm	Temp Rise 10.7 °C								
					Comp Temp 35.7 °C								
Reference Cost		0.9				Compared to IHLP-2525CZ-01					<div>Notes May Be Add</div>		
<div>A B C</div>													