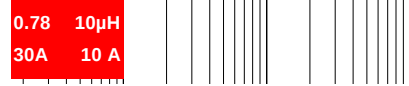
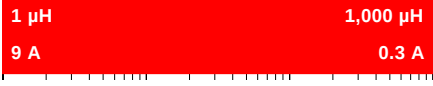
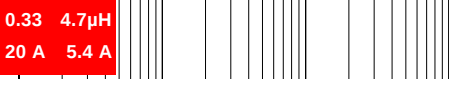


SMT Power Inductor Selection Guide

UNSHIELDED INDUCTORS		Inductance/Isat	
LPO2506 Series	1.19 mm high		
DO3340 Series	11.43 mm high		
DO1606 Series	2.0 mm high		
DO5022 Series	7.11 mm high		
DO1607 Series	2.49 mm high		
DO5022HC Series	7.11 mm high		
DO1608 Series	2.92 mm high		
DO1813HC Series	5.00 mm high		
DO3308 Series	3.00 mm high		
DO3316 Series	5.21 mm high		
DO3316HC Series	6.35 mm high		

All parts shown actual size



Specifications subject to change without notice. Document 176-1 Revised 5/30/99

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SMT Power Inductor Selection Guide

SHIELDED INDUCTORS	Inductance/Isat				
LPT1606 Series 2.0 mm high  <table> <tr> <td>1 μH</td><td>22 μH</td></tr> <tr> <td>3.0 A</td><td>0.8 A</td></tr> </table>	1 μ H	22 μ H	3.0 A	0.8 A	
1 μ H	22 μ H				
3.0 A	0.8 A				
LPT3305 Series 1.8 mm high  <table> <tr> <td>1 μH</td><td>47 μH</td></tr> <tr> <td>6 A</td><td>0.9 A</td></tr> </table>	1 μ H	47 μ H	6 A	0.9 A	
1 μ H	47 μ H				
6 A	0.9 A				
DS1608 Series 2.92 mm high  <table> <tr> <td>1 μH</td><td>10,000 μH</td></tr> <tr> <td>3 A</td><td>0.02 A</td></tr> </table>	1 μ H	10,000 μ H	3 A	0.02 A	
1 μ H	10,000 μ H				
3 A	0.02 A				
DT1608 Series 2.92 mm high  <table> <tr> <td>1 μH</td><td>1,000 μH</td></tr> <tr> <td>2 A</td><td>0.08 A</td></tr> </table>	1 μ H	1,000 μ H	2 A	0.08 A	
1 μ H	1,000 μ H				
2 A	0.08 A				
DS3316 Series 5.08 mm high  <table> <tr> <td>1 μH</td><td>47 μH</td></tr> <tr> <td>5.6 A</td><td>1 A</td></tr> </table>	1 μ H	47 μ H	5.6 A	1 A	
1 μ H	47 μ H				
5.6 A	1 A				
DT3316 Series 5.08 mm high  <table> <tr> <td>10 μH</td><td>1,000 μH</td></tr> <tr> <td>8 A</td><td>0.8 A</td></tr> </table>	10 μ H	1,000 μ H	8 A	0.8 A	
10 μ H	1,000 μ H				
8 A	0.8 A				
DS5022 Series 7.62 mm high  <table> <tr> <td>1 μH</td><td>1,000 μH</td></tr> <tr> <td>0.05 A</td><td>8.05 A</td></tr> </table>	1 μ H	1,000 μ H	0.05 A	8.05 A	
1 μ H	1,000 μ H				
0.05 A	8.05 A				
All parts shown actual size					

BACKLIGHT INDUCTORS	Inductance/Isat				
DO1607BL Series 2.49 mm high  <table> <tr> <td>1000 μH</td><td>6,800 μH</td></tr> <tr> <td>0.1 A</td><td>0.04 A</td></tr> </table>	1000 μ H	6,800 μ H	0.1 A	0.04 A	
1000 μ H	6,800 μ H				
0.1 A	0.04 A				
DS1608BL Series 2.92 mm high  <table> <tr> <td>1 μH</td><td>10,000 μH</td></tr> <tr> <td>0.1 A</td><td>0.01 A</td></tr> </table>	1 μ H	10,000 μ H	0.1 A	0.01 A	
1 μ H	10,000 μ H				
0.1 A	0.01 A				

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