
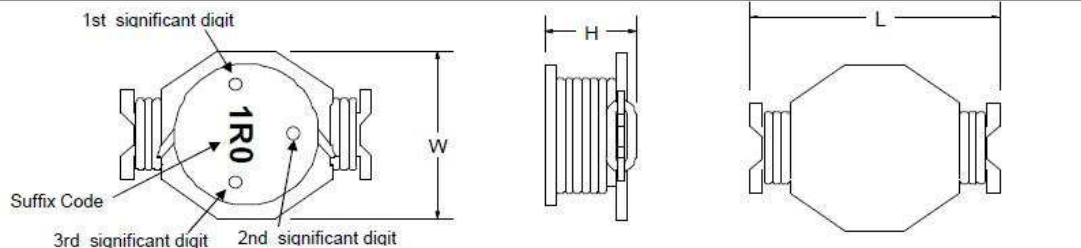
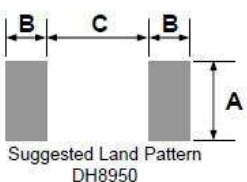
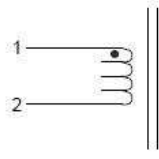



MGDH1-00011	REV																																									
	A																																									
Product Description	1.0 uH ,Low Profile, High Current Power Inductor																																									
																																										
<p>Parts will be marked with Significant Digit Dots OR Suffix code</p>  <table border="1" data-bbox="558 660 941 840"> <thead> <tr> <th colspan="3">Maximum Dimensions</th> </tr> <tr> <th>Units</th> <th>L</th> <th>W</th> <th>H</th> </tr> </thead> <tbody> <tr> <td>inches</td> <td>0.362"</td> <td>0.252"</td> <td>0.197"</td> </tr> <tr> <td>[mm]</td> <td>[9.19]</td> <td>[6.40]</td> <td>[5.00]</td> </tr> </tbody> </table> <table border="1" data-bbox="558 750 1125 840"> <thead> <tr> <th colspan="3">Nominal Dimensions</th> <th colspan="3">Color Code</th> </tr> <tr> <th>A</th> <th>B</th> <th>C</th> <th>1st</th> <th>2nd</th> <th>3rd</th> </tr> </thead> <tbody> <tr> <td>0.160"</td> <td>0.075"</td> <td>0.200"</td> <td>Brown</td> <td>Black</td> <td>Orange</td> </tr> <tr> <td>[4.06]</td> <td>[1.91]</td> <td>[5.08]</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> 				Maximum Dimensions			Units	L	W	H	inches	0.362"	0.252"	0.197"	[mm]	[9.19]	[6.40]	[5.00]	Nominal Dimensions			Color Code			A	B	C	1st	2nd	3rd	0.160"	0.075"	0.200"	Brown	Black	Orange	[4.06]	[1.91]	[5.08]			
Maximum Dimensions																																										
Units	L	W	H																																							
inches	0.362"	0.252"	0.197"																																							
[mm]	[9.19]	[6.40]	[5.00]																																							
Nominal Dimensions			Color Code																																							
A	B	C	1st	2nd	3rd																																					
0.160"	0.075"	0.200"	Brown	Black	Orange																																					
[4.06]	[1.91]	[5.08]																																								
Information subject to change without notice.		Primary units are in inches. Millimeters are in brackets.																																								
Electrical Specifications at +20°C unless noted otherwise																																										
<i>Test Description</i>	<i>Limit</i>	<i>Units</i>	<i>Tol</i>	<i>Notes</i>																																						
Inductance	1.0	µH	±20%	1-2, 100kHz, 250mVAC, Ls.																																						
Saturation Current Handling	5.30	A	Max.	1-2, 100kHz, 250mVAC, applied to produce a typical 10% drop in inductance																																						
DC Resistance	0.014	Ω	Max.	1-2																																						
Dielectric	50	VDC	500µA	1-core, 1 second test, 500µA maximum leakage current.																																						
																																										
260°C Maximum reflow temperature per J-STD020B																																										
Operating Temperature Range: -40°C to +85°C																																										
The information contained in this drawing is the sole property of Tyco Electronics. Any reproduction or use without the written permission of Tyco Electronics is prohibited.																																										
Tel:1-800-468-2023 Fax:1-800-399-0188 - Specifications subject to change without notice.For latest revision visit www.tycoelectronics.com																																										
Date: 03/02/07																																										