

深圳市蒙泰科技有限公司

Technology Co., Ltd. Shenzhen Mongolia and Thailand

CHIP INDUCTOR TEST DATA

Lot No		Customer P/N																																																																																			
Test Equipment/Fixture	HP4291B/16192A	BH P/N	MTCH1005H1N0SB																																																																																		
Test Frequency	100MHz	Test condition	78%RH/24°C																																																																																		
Quantity	10PCS	Test Level	-20dBm																																																																																		
<p>MTCH1005 - 1N0SB</p> <p>Packaging Style: B: Bulk, T: Tape&Reel Tolerance: J: ± 5%, K ± 10%, M ± 20% Inductance Material Code Dimensions Product Symbol</p>		<p>Mechanical Dimension</p> <p>L=1.0 ± 0.15mm, W=0.5 ± 0.15mm T=0.5 ± 0.15mm, a=0.25 ± 0.1mm</p>																																																																																			
		<p>Electrical Characteristic</p> <table border="1"> <thead> <tr> <th>Spec No</th> <th>L (nH)</th> <th>Qmin</th> <th>SRFmin(MHz)</th> <th>RDCmax(Ω)</th> <th>Ir(mA)</th> </tr> </thead> <tbody> <tr> <td></td> <td>1.0 ± 0.3nH</td> <td>8</td> <td>6000</td> <td>0.1</td> <td>400</td> </tr> <tr> <td>1</td> <td>1.0</td> <td>9.5</td> <td>6000</td> <td>0.01</td> <td>>400</td> </tr> <tr> <td>2</td> <td>0.98</td> <td>9.4</td> <td>6000</td> <td>0.06</td> <td>>400</td> </tr> <tr> <td>3</td> <td>0.97</td> <td>9.3</td> <td>6000</td> <td>0.05</td> <td>>400</td> </tr> <tr> <td>4</td> <td>0.96</td> <td>9.6</td> <td>6000</td> <td>0.07</td> <td>>400</td> </tr> <tr> <td>5</td> <td>0.89</td> <td>9.5</td> <td>6000</td> <td>0.07</td> <td>>400</td> </tr> <tr> <td>6</td> <td>0.98</td> <td>9.5</td> <td>6000</td> <td>0.04</td> <td>>400</td> </tr> <tr> <td>7</td> <td>0.97</td> <td>9.3</td> <td>6000</td> <td>0.07</td> <td>>400</td> </tr> <tr> <td>8</td> <td>0.97</td> <td>9.4</td> <td>6000</td> <td>0.03</td> <td>>400</td> </tr> <tr> <td>9</td> <td>0.96</td> <td>9.6</td> <td>6000</td> <td>0.01</td> <td>>400</td> </tr> <tr> <td>10</td> <td>0.98</td> <td>9.5</td> <td>6000</td> <td>0.07</td> <td>>400</td> </tr> <tr> <td>Mean</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Range</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Spec No	L (nH)	Qmin	SRFmin(MHz)	RDCmax(Ω)	Ir(mA)		1.0 ± 0.3nH	8	6000	0.1	400	1	1.0	9.5	6000	0.01	>400	2	0.98	9.4	6000	0.06	>400	3	0.97	9.3	6000	0.05	>400	4	0.96	9.6	6000	0.07	>400	5	0.89	9.5	6000	0.07	>400	6	0.98	9.5	6000	0.04	>400	7	0.97	9.3	6000	0.07	>400	8	0.97	9.4	6000	0.03	>400	9	0.96	9.6	6000	0.01	>400	10	0.98	9.5	6000	0.07	>400	Mean						Range			
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