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## **Magnetic Sensor Product Line RoHS Compliance Strategy**

The Honeywell Magnetic Sensor Product Line produces a family of single and dual axis sensor components that meet the EU Directive 2002/95/EC (RoHS). In addition, those products that do not meet this directive are part of a plan to eliminate lead content so that they will also be in compliance with the RoHS directive which is effective July 1, 2006. Please see the tables below for a list of the prohibited materials and a product compliance status for the Honeywell Magnetic Sensor Product Line.

**Table I - Maximum concentration values of RoHS restricted substances:**

<b>Mercury</b>	<b>.1% by weight</b>	<b>1000ppm</b>
<b>Cadmium</b>	<b>.01% by weight</b>	<b>100ppm</b>
<b>Lead</b>	<b>.1% by weight</b>	<b>1000ppm</b>
<b>Chromium (VI)</b>	<b>.1% by weight</b>	<b>1000ppm</b>
<b>PBB</b>	<b>.1% by weight</b>	<b>1000ppm</b>
<b>PBDE</b>	<b>.1% by weight</b>	<b>1000ppm</b>

## Table II - RoHS Compliance Status

Part Number	RoHS Compliant	If Y, Date of Compliance	Lead Finish	Availability	Comments
HMC1001	No		PbSn	No longer available	
HMC1001-RC	Yes	May 2006	Matte Sn	Available	
HMC1002	No		PbSn	No longer available	
HMC1002-RC	Yes	May 2006	Matte Sn	Available	
HMC1021S	Yes	2002	Matte Sn	Available	
HMC1021Z	No		PbSn	No longer available	
HMC1021Z-RC	Yes	May 2006	Matte Sn	Available	
HMC1021D	No			Available	Lid seal contains lead
HMC1022	Yes	2002	Matte Sn	Available	
HMC1041Z	Yes	2005	SnAgCu	Available	
HMC1042L	Yes	2006	Matte Sn	Available	
HMC1043	Yes	2008		Available*	Compliant parts have a “.” after the part number and datecode of 0825 (YYWW) or greater.
HMC1051Z	No		PbSn	No longer available	
HMC1051Z-RC	Yes	May 2006	Matte Sn	Available	
HMC1051ZL	No		PbSn	Available	Pb elimination from surface pads
HMC1052	Yes	2002	Matte Sn		Contact Factory for Availability
HMC1052L	Yes	2003	Matte Sn	Available	
HMC1053	No		PbSn	Available	Pb in solder on PWB
HMC1055	No		PbSn	Not available	No longer available after 2007
HMC1501	Yes	2003	Matte Sn	Available	
HMC1512	Yes	2003	Matte Sn	Available	
HMC5843	Yes	2008	NiAu	Available	
HMC6042	Yes	2006	SnAgCu	Available	MSL 2 @ 260
HMC6052	Yes	2004	Matte Sn	Available	
HMC6352	Yes	2005	SnAgCu	Available	MSL 3 @ 240 Compliant parts have a datecode of 0523 (YYWW) or greater.
HMC6343	Yes	2007	SnAgCu	Available	
HMC2003	No		N/A	Available	Pb in solder on PWB
HMR2300	No		N/A	Available	Pb in solder on PWB
HMR2300R	No		N/A	Available	Pb in solder on PWB
HMR3000	No		N/A	Available	Pb in solder on PWB
HMR3200	No		N/A	Available	Pb in solder on PWB
HMR3300	No		N/A	Available	Pb in solder on PWB
HMR3400	No		N/A	Available	Pb in solder on PWB
HMR3500	No		N/A	Available	Pb in solder on PWB
HMR3600	No		N/A	Available	Pb in solder on PWB
DRM4000	No		N/A	Available	Pb in solder on PWB
DRM-5	No		N/A	Not available	No longer available after Q2 2009
DRMCore	No		N/A	Not available	No longer available after Q2 2009