



Heat resistance
+200 degC

Chemical
resistance

Super-Hard

Hygienic

Ceramic IC TAG



Ceramic protects IC Chip

Patent pending



KRD Corporation



Heat resistance +200 degC / Chemical resistance / Water-proof / Hygienic

Ceramic IC Tag -Standard Items					
13.56 MHz (ISO15683 conformity)					
Round shape with hole (easy to mount)			Small shape (best for a small object)		
Doughnut 26	Button	Baby 9	Baby 6	Baby 5	
φ26×3mm (mounting hole:φ6)	φ18×3mm (mounting holes:φ2×4)	φ9.5×2.3mm	φ6.3×2mm	φ5.3×2mm	
Coin shape	Bolt shape tag		Custom	Special form	Option
Coin 16	Stainless bolt	Ceramic bolt	Cylinder shape	In die	Magnetic sheet
φ16×2.3mm	M10, M8	M8×20	φ11×10mm		
UHF band (EPC Gen2)			2.45 GHz		
Rectangle shape			Rectangle shape		
Plate 42U	Plate 33U	Plate 68G	Stick 32G		
42×24×3mm	33×17×3mm	68×18×11mm (mounting holes:φ3×2)	32×5×3mm		

An advantage of the Ceramic IC Tag

<p>Heat resistance +200 degC and low temperature resistance -196 degC Inside the liquid nitrogen tank, steam, an iron and baking paint can also endure.</p>	<p>Chemical resistance and Oil resistance Compared with the common resin tag or the tag made of organic rubber, it excels in resistance to chemicals and oilproof.</p>	<p>Since it excels in water resistance, ultraviolet-rays-proof, ozone-proof, etc., even if exposed to wind and rain for a long time in the outdoors, there is no characteristic and performance degradation.</p>
<p>Super Hard A ceramic with the hardness following the diamond protects the inner IC tag from an outside threat.</p>	<p>Since neither bacteria nor a virus breeds easily, inorganic ceramics are sanitary. In addition, sterilization with the high temperature and the chemicals doesn't have the performance degradation either.</p>	<p>The specifications of the product and the appearances, etc. will be sometimes change without notice, so please accept it beforehand. Generally the mentioned product name and company name are the trademark of the companies or registered trademarks.</p>

Utilization use The Ceramic IC Tag shows the true value in the field where the durability is demanded and severe environment. Outdoor machinery management, ubiquitous information dispatcher, dangerous materials management, linen supply, die management, uniform management, security machinery, baking painting, medical equipment, a work tool, wood traceability, livestock industry, traffic signal, building material (steel materials, concrete), airplane, car key, road reference point, floor mat, etc.,

Specification IC Chip: 13.56MHz I-CODE SLI, Tag-it HF-1, My-d,FARM, etc., 2.45GHz and UHF band
 Frequency: 13.56MHz, 2.45GHz, UHF band
 Marking: UID is carved by a laser on the tag surface (default), or the carving of a logo and the writing of data are also possible to order (additional charge required).



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