



## Industry Tag (20mm)

### FEATURES

- The 20mm Tag with multi read/write capability is very small in size and is made of ABS to meet all endurance requirements in terms of heat, harsh environments and chemical resistance.
- Perform in the harshest environments, including harsh chemicals, painting processes & outdoor exposure.
- Dust & Waterproof.
- Flexible Read/Write Range (reader dependant).
- Insensitive to almost all non metallic materials.

### APPLICATIONS

- Being used in industrial environments, as well as in asset tracking applications
- It has been widely used in supply chain, service industries, distribution logistics and manufacturing companies to identify goods & objects in an industrial environment.
- Can be used to read through obstructions, including plastics, concrete and more.
- Suitable for factory floor manufacturing applications because of rugged construction (IP Rating).

<b>Chip Type:</b>	<b>HitagS 256 bit 125 KHz</b>	
	256 bits, organized in 8 pages of 4 byte each	
	Data retention of 10 years	
	Write endurance 100.000 cycles	
<b>Mechanical:</b>	Outer Dia.	20mm
	Thickness	3.3mm
	Material	ABS
	Colour	Blue/Black
	Weight	1.25 g
	Antenna Type	Wire Antenna
<b>Electrical:</b>	Operating Frequency	125 KHz
	Operating mode	Passive (battery-less transponder)
<b>Ingress Protection:</b>	IP67	
<b>Thermal:</b>	Storage Temp.	-40°C to +85°C
	Operating Temp.	-25°C to +85°C
<b>Part Number:</b>	103N1	
<b>Options:</b>	Other IC type, Size, Shape & Colour on request	
	Available with other plastic material e.g. PC/ABS	

\*Preliminary Data Sheet: Certain specification subject to change.