



## Industry Tag (30mm)

### FEATURES

- The 30mm Tag is small in size with a centre hole 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 Range (reader dependant).
- Insensitive to almost all non metallic materials.

### 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>EM4200 128 bit 125 KHz Read only</b>	
	128 bit memory array laser programmable	
	Several options of data rate and coding available	
	Very low power consumption	
<b>Mechanical:</b>	<b>Outer Dia.</b>	30mm
	<b>Hole Dia.</b>	4.2mm
	<b>Thickness</b>	2.7mm
	<b>Material</b>	ABS
	<b>Colour</b>	Blue/Black
	<b>Weight</b>	2.4 g
	<b>Antenna Type</b>	Wire Antenna
<b>Electrical:</b>	<b>Operating Frequency</b>	125 KHz
	<b>Operating mode</b>	Passive (battery-less transponder)
<b>Ingress Protection:</b>	IP68	
<b>Thermal:</b>	<b>Storage Temp.</b>	-40°C to +85°C
	<b>Operating Temp.</b>	-25°C to +85°C
<b>Part Number:</b>	105K1	
<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.