



Industry Tag-NFC (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

- 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).

Chip Type:	NTAG213 , 13.56 MHz	
	Fully compliant with NFC Forum Type 2 Tag and ISO/IEC14443 Type A specifications.	
	144 bytes user programmable read/write memory.	
	Data retention of 10 years	
	Write endurance 100,000 cycles	
Mechanical:	Outer Dia.	20mm
	Thickness	3.3mm
	Material	ABS
	Colour	Blue
	Weight	0.9 g
	Antenna Type	Wire Antenna
Electrical:	Operating Frequency	13.56 MHz
	Operating mode	Passive (battery-less transponder)
Ingress Protection:	IP67	
Thermal:	Storage Temp.	-40°C to +85°C
	Operating Temp.	-25°C to +85°C
Part Number:	203G1	
Options:	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.