

In-Metal Ultra Durable Tag (UHF)

Hitachi Chemical
Working On Wonders

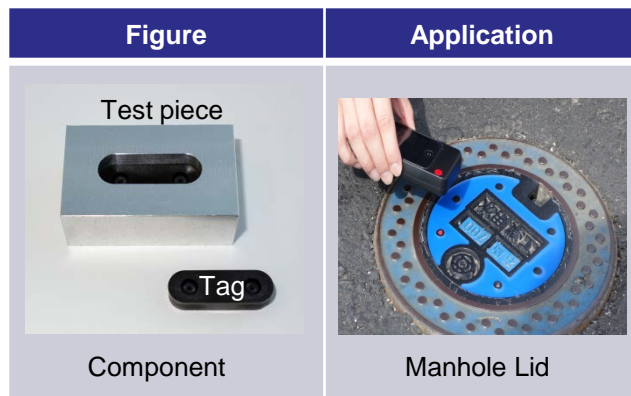
Feature

- Readable even in metal hole
- Withstand various harsh environment
- Compact size for mounting

Application

- Attachable to Various Metal
 - Manhole Lid
 - Machinery, Equipment, Molds
 - Building, Facility

Figure



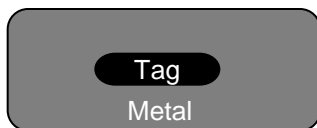
Specification

Item	Specification	
Product Name	In-Metal Tag	
Size	24mm × 8mm × 5.2mm	
Protocol	ISO/IEC18000-6 Type C EPC C1Gen2	
IC Chip	Impinj Monza5	
Memory	EPC	128bit(16Byte)
	TID	96bit(48bit Serial)
Temperature	180 deg.C max.	

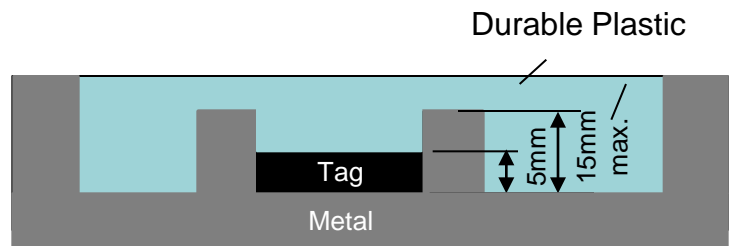
➤ This product is manufactured by **IRO Corp.** as BTO

Mount Condition

(Manhole Application Example)



The tag can be mounted in the hole of metal.



Cross Section of Manhole Lid

Withstand Harsh Environments



On the road



Asphalt Burning



Under Water

Please see Video



Contact

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