Dual Frequency On-metal RFID Tag (HF+UHF)

Functional Specifications:

RFID Protocol:	ISO/IEC 18000-63, ISO/IEC 14443A-3
Frequency:	US(902-928MHZ), EU(865-868MHZ);13.56MHZ
IC type:	EM4423
Memory:	7 bytes UID (NFC), 96bit TID (EPC); 1920 bit USER data (NFC), 160 bit USER data (EPC); 128 bit EPC
Write Cycles:	Minimum 100,000 times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	Up to 500cm, US (902-928MHZ), On metal; Up to 400cm, EU (865-868MHZ), On metal;
Read Range : (Handheld Reader)	UHF 150cm,(on metal),HF 1cm,(on metal and off-metal), US (902-928MHZ); UHF 130cm,(on metal),HF 1cm,(on metal and off-metal), EU (865-868MHZ).
Warranty:	1 Year

Physical Specification:

Size:	105.0x30.0mm, Hole: D5.2mmx2
Thickness:	7.5mm
Material:	ABS+PC
Colour:	White(Or Others)
Mounting Methods:	Adhesive, Screw, binding
Weight:	27.0g

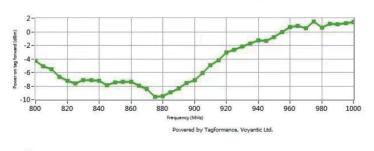## Environmental Specification:

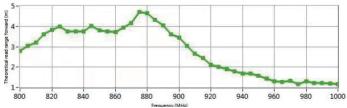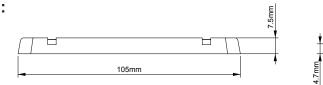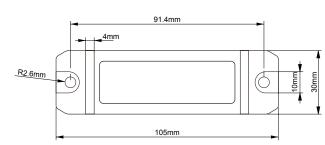|	
IP Rating:	IP68
Storage Temperature:	-40°C to +85°C
Operation Temperature:	-25°C to +85°C
Certifications:	Reach Approved, RoHS Approved, CE Approved, ATEX Approved.

OPP105DUALU1:

Powered by Tagformance, Voyantic Ltd.

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OPP105DUALE1:

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Dimensions: