



METAL TAG

GTag-PMU40



About GT&T Engineering

GT&T Engineering (Global Track & Trace) founded in 2003 is a regional market leader providing track and trace solutions using Global Positioning Systems (GPS), General Packet Radio Services (GPRS) / Global System for Mobile Communication (GSM) and Radio Frequency Identification (RFID) based wireless communication. We are one of the region's leading integrated manufacturers of Long Range, Ultra-High Frequency, Active RFID tags and readers.

With these RFID inventions, GT&T's technology is used in a broad range of RFID applications worldwide including transport management, routing & scheduling, fleet management & tracking, workforce management, personnel & asset management, facility system management, supply chain management, logistics, waste & environment control management, pharmaceutical and medical, secure trade and e-documentation.

GT&T's core competencies are:

- R&D efforts
- Consultancy
- Application Development

Worldwide offices:

- Australia
- China
- Europe
- Indonesia
- Malaysia
- Thailand
- USA

DESCRIPTION

GT&T Engineering's UHF METAL Tag is compliant with the EPC Class 1 Gen 2. This product offers a user accessible memory of 96bits for UHF.

The frequency used for ultra high frequency UHF RFID systems is 860~960MHz for UHF. UHF RFID systems are being widely deployed due to RFID mandates from several large cooperation, in retails & logistics sector. In addition to logistic, UHF systems are employed in various supply chain management applications and work extremely well in harsh and outdoor environment and especially for tagging on metal tagging eg: Tagged on racking, rubbish bin & shelving.

The UHF product ranges by UPM Raflatec & Alien technology & etc. comprises the tags and inlays presented in the below table, in the following delivery formats;

FEATURES

- Global: 860 - 960 MHz
- FCC: 902 - 928 MHz
- ETSI: 868 MHz
- Japan: 950 MHz
- Class 1 Gen 2 EPC Global

APPLICATIONS

- Metal/Non-Metal Shelving tracking
- Asset tracking
- Metal/Non-Metal Pallet Tracking





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SPECIFICATION

PART NUMBER	RFID-7668-A
Supported Standard (UHF)	EPC Class 1 Gen 2 compliant
Resonance Frequency (at +25° C) (UHF)	860MHz ~ 960MHz
Total Memory (UHF)	*96 bits
Dimensions	**115mm x 19mm x 8mm
Weight	11 ± 0.5 grams
Case Material	PC/ABS/TPU/PPS
Operating temperature	-40° C to +65° C
Storage temperature	+20°C, 95%RH , -25° C to +100° C
HTS	50°C, 50hrs (PC/ABS), 120°C, 30hrs (TPU)
Logo Identification	CO2 / Yag laser marking
Mechanical Stability	Isostatic water pressure : 20 bar (10h)
Delivery	Pending

* Subjected to inlay specification. It means it can be >96bits memory.

** Subjected to change for custom-made design.



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