

Ruggedized UHF TAG

 **RoHS Compliant**

FEATURES:

UHF Passive RFID Tags in Ruggedized Packaging
Global UHF RFID Frequency (US/Europe/Japan)
Read/Write Tags
EPC Gen2 Compliant
ISO18000-6C standard compliant
Harsh Chemicals Resistant
High Temperature Resistant
High Impact Resistant
Mount-On-Metal Version Available



APPLICATIONS:

Asset Management
Pallet Tracking / Cargo Tracking
Warehouse Management
High Temperature / Harsh Environment Applications

FUNCTIONAL SPECIFICATIONS:

Operating Frequency	860 MHz to 960 MHz
ISO Standard Compliance	ISO 18000-6C
EPC Compliance	Class 1 Gen 2
Chip Type	NXP UCODE / Alien Higgs / Impinj Monza
Memory Type	EPC/TID/USER memory - Depends on Chip Type

PHYSICAL SPECIFICATIONS:

Size (Approx) - in inches ""	4" x 1.4" x 0.22"
Material ""	Special Grade Plastic
Color ""	White / Yellow

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (Deg C)	-10 to +60
Max Service Temperature (Deg C)	+180
Storage Temperature (Deg C)	-25 to +85
Mechanical Vibration	10g, 20-1000Hz, 3 axis, 2.5 Hrs
Mechanical Shock	40g, half-sine, 18ms, 6 axis, 2000 times
Hermetic Protection	IP68
Chemical Resistance	Most of the alkalis, acids, oils and detergents

1) Read Distance depends on the User's reader antenna and operating conditions

2) Tags with other ICs can be made available as per customer requirements

** Other sizes, colors and materials can be made available on request

Syrma Technology reserves the right to change the product information, specification, features or data without any prior notice at any time. Syрма Technology does not take any responsibility for customer product/system design or performance when used with specifications not mentioned above.

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