

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

FUNCTIONAL SPECIFICATIONS:

Operating Frequency	12.9 + 0.15 / - 0.0 MHz
ISO Standard Compliance	ISO 15693
EPC Compliance	Class 1 Gen 2
Chip Type	NXP UCODE / Alien Higgs / Impinj Monza
Memory Type	I CODE SLI / SLIX 1024 bits R/W

PHYSICAL SPECIFICATIONS:

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

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature (°C)	-10 to +60
Max Service Temperature (°C)	+180
Storage Temperature (°C)	-25 to +85
Mechanical Vibrations	10g, 20-1000 Hz, 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

- Tags with other ICs from NXP, EM, Infineon, Atmel, ST Micro, TI, Legic or other semiconductor manufacturers are also available as per customer requirements
- Other sizes, materials or colors can be made available on request
- Ask for our special HIGH Temperature Tags that work at 150/180/200 deg C continuous operation