PID-TP Pearl

The PID TP Pearl is a wideband EPC Class 1 Gen 2 tag that fulfils the need for best item level identification. With its choice of Impinj Monza chip, PID-Pearl provides excellent performance in jewellery management and small-sized asset tracking.

A tag has unique Tamper-proof label constructions to deter thieves from attempting to steal.

Any attempt made to open the label results in the breakage of the RFID circuitry.

Applications

Asset
Tracking

Retail
Applications

Jewellery
Management

Ordering Information

Part Number	IC Type	Memory Configuration
RFST- 340301 - GLOBAL	IMPINJ MONZA R6P	EPC Memory – 96/128 bits
RFST-340201-GLOBAL	IMPINJ M730	EPC Memory - 128 bits

Electrical Specifications

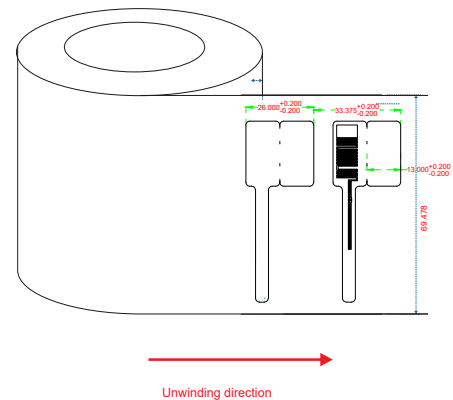| Operational Frequency	FCC: 902-928MHz ETSI: 865- 868 MHz
Interface Protocol	ISO 18000-63 and EPCglobal Gen2v2
Chip Type*	IMPINJ MONZA R6P
Memory Configuration	EPC Memory – 96 bits /128 bits USER Memory – 64 / 32 bits
Date Retention	50 Years
Write Cycle Endurance	100,000 cycles

Product Charcterstics

Die Cut Size	69.478 X 26.0 mm/2.71X 1.02 in
Antenna Size	64.0 X 10.7 mm / 2.51 X 0.42 in
Material	Polyster
Packaging	Reel core inner dimension: 76.2mm/ 3" , 2500pcs/roll
Yield	100 %
Attachment	Adhesive

Environmental Specifications

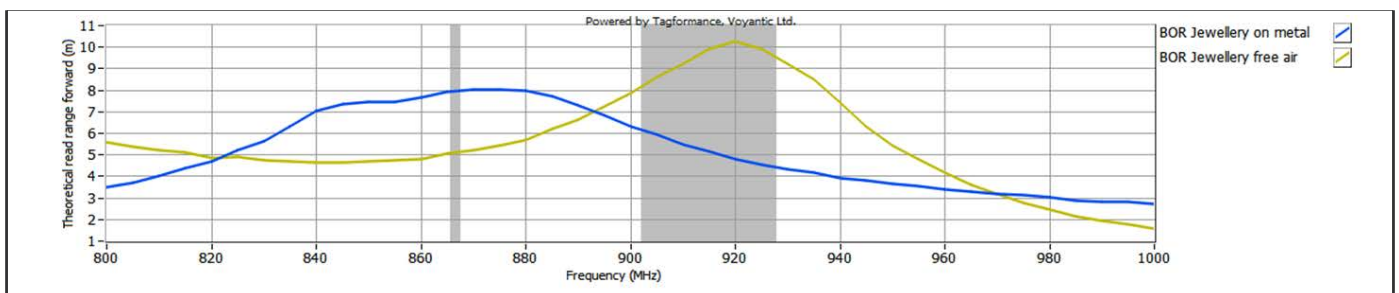| Operating Temperature	-30 to +80 °C
Storage Temperature	-30 to +80 °C
IP Rating	IP67

Drawing of Product

Unwinding direction

Personalization

- Customer specific encoding of EPC
- Customised printing of logo, text, barcode etc

Read Range Graph

PID TP PEARL - RF performance(R6P)

** The indicated read range values are measured in our laboratory testing environment, where antennas with optimum directivity are used with maximum allowed operating power. Different surface materials and environments may exhibit different results.

Perfect id
a **Syrma SGS** company