




EOS-250

APPLICATIONS



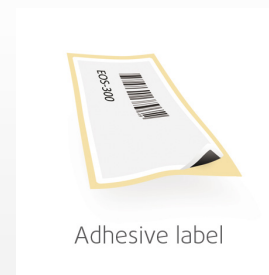
Apparel



GENERAL SPECIFICATIONS

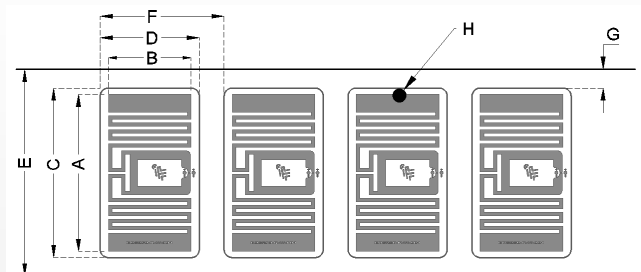
| | |
|---------------------|---|
| Frequency | FCC 902-928 MHz / ETSI 865-868 MHz / ASIA 950-956 MHz |
| Protocol | EPC Class 1 Gen 2 |
| EPC memory | Up to 128 bits |
| User memory | Up to 64 bits |
| Antenna size | 38 x 20 mm / 1.5 x 0.79 in |
| Label size | 41 x 24 mm / 1.61 x 0.94 in |

AVAILABLE FORMATS



MECHANICAL DIMENSIONS

| DIMENSIONS | DESCRIPTION | METRIC | US |
|------------|---------------------|-------------|----------------|
| A x B | Antenna size | 38 x 20 mm | 1.5 x 0.79 in |
| C x D | Label size | 41 x 24 mm | 1.61 x 0.94 in |
| E | Web width | 50 mm | 1.97 in |
| F | Pitch | 30 mm ± 0,5 | 1.18 in |
| G | Die-cut to web edge | 4.5 mm | 0.18 in |
| H | Bad mark | Ø 4 mm | Ø 0.16 in |





T A G E O S

RFID CHIP SILICON

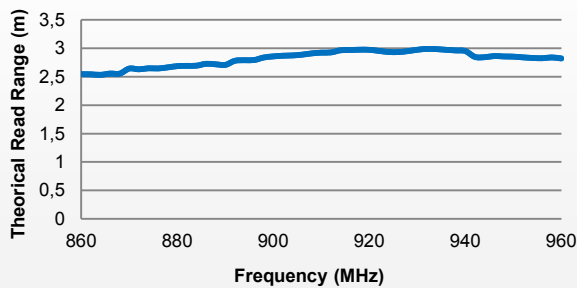
| TAG SILICON | IMPINJ MONZA R6 | IMPINJ MONZA R6-P |
|-----------------------|-----------------------------------|-----------------------------------|
| Protocol | EPC Class 1 Gen 2 | EPC Class 1 Gen 2 |
| Operating frequency | 860 – 960 MHz | 860 – 960 MHz |
| EPC memory | 96 bits | Up to 128 bits |
| User memory | - | Up to 64 bits |
| Operating temperature | -40°C / +85°C (-40°F / +185°F) | -40°C / +85°C (-40°F / +185°F) |

PRODUCT CHARACTERISTICS

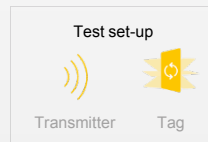
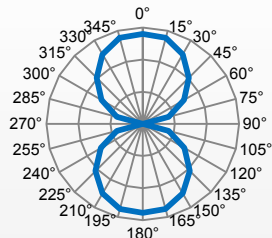
| | ADHESIVE LABEL |
|---------------------|--|
| Antenna material | Aluminum |
| Front face material | White TT printable paper White TT printable plastic |
| Back face material | - |
| Adhesive | Solvent-free permanent acrylic adhesive |
| Final inspection | 100% tested, defective tags marked |

TAG READ PERFORMANCE

Read Range in Free Space



Orientation sensitivity



All the graphs are indicative: performance in real life applications may vary. The data has been determined based on calculations for transmitters with a 2W ERP output power level and an Impinj Monza R6 tag silicon.

DELIVERY CONDITIONS

| | ADHESIVE LABEL |
|------------------------|---------------------------|
| Packaging | Roll (single row) |
| Core inner diameter | 76 mm / 3 in |
| Roll outer diameter | 200 mm / 7.87 in |
| Unwinding direction | Labels on outside of roll |
| Standard roll size | 4000 pcs (tbc) |
| Minimum order quantity | One roll |

CERTIFICATIONS & APPROVALS



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