

### Inlay Features

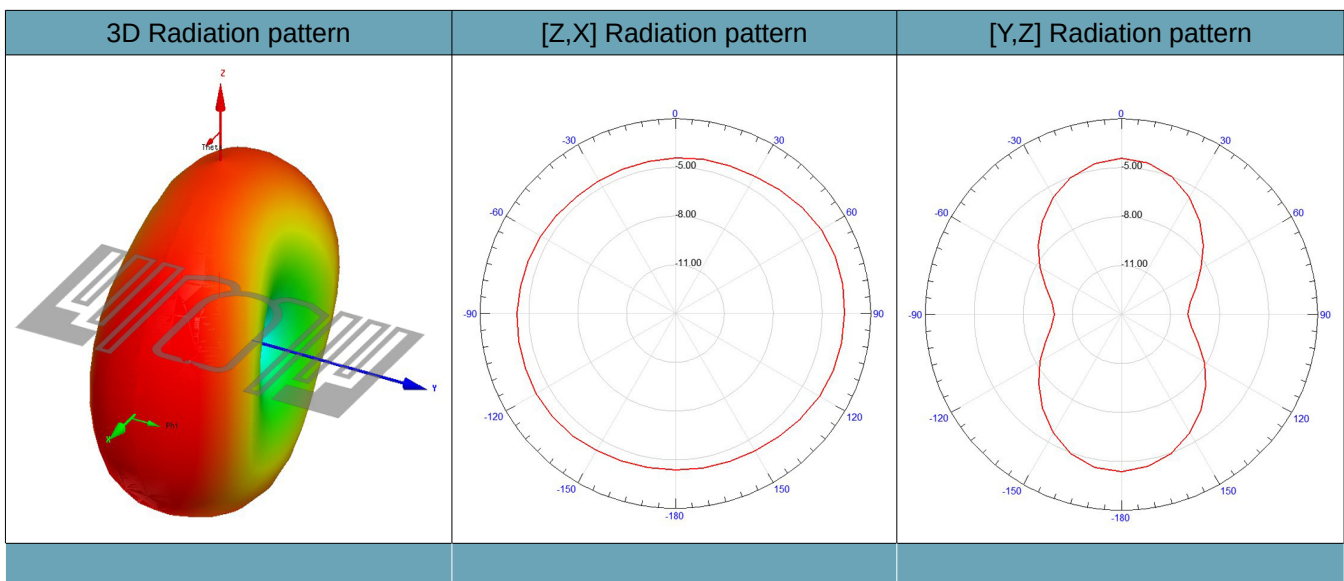
- Rain RFID compliant
- Long read range
- Supports Impinj dies

### Applications

- Apparel applications
- Item level logistics

### Inlay Layout and Dimensions

	SKL4020	SKL4020B
Antenna width	40 mm $\pm$ 0.5 mm (1.54 $\pm$ 0.02 in)	20 mm $\pm$ 0.5 mm (0.79 $\pm$ 0.02 in)
Antenna length	20 mm $\pm$ 0.5 mm (0.79 $\pm$ 0.02 in)	40 mm $\pm$ 0.5 mm (1.54 $\pm$ 0.02 in)
Lengthwise pitch	39.08 mm $\pm$ 0.5 mm (1.54 $\pm$ 0.02 in)	52.21 mm $\pm$ 0.5 mm (2.05 $\pm$ 0.02 in)
Web width	54 mm $\pm$ 0.5 mm (2.12 $\pm$ 0.02 in)	37.5 mm $\pm$ 0.5 mm (1.48 $\pm$ 0.02 in)



### Inlay Composition

Composition	Material	Thickness* [μm]
Top	Aluminium	9 ± 5%
Support	Polyester PET	38 ± 5%

\* Overall thickness depends on the IC. For IC thickness please refer to the "Available ICs" table

### Available ICs

	Impinj Monza 5			
Product code	<b>SKL4020-MZ5</b> <b>SKL4020B-MZ5</b>			
Operating frequency	840 ÷ 960 MHz			
Standard compliance	EPC Class 1 Gen2 – ISO 18000-6C			
Thickness	100μm ± 15μm			
Operating temperature	-40 °C to +85 °C			
EPC code	128 bits			
User memory	-			
TID (locked)	96 bits			
Reserved memory	64 bits (for Kill and Access passwords)			
Write endurance	50 years			
Data retention	100 000 cycles			

### General supply conditions

Reel dimensions	Internal diameter	76 mm
	External diameter	< 300 mm (custom sizes available upon request)
Reel quantity	Inlay per reel	10 000 ± 10% (custom sizes available upon request)