







Features

Syrma RFID mini air coil transponders solve design issues created by unusual size constraints, delivering unique flexibility to embed into any miniaturized form factor. We meet your precise specifications for a smaller size and chip type while still sustaining optimal read range and overall performance. Mini series transponders can be custom manufactured in our standard production methods—plastic injection molded, epoxy potted-in micro-dimensions as small as 2mm.

Applications

- Industrial
- Medical and Healthcare
- Asset Tracking
- Manufacturing and Automation



				
Size/Name	10mm Air Coil Transponder	3mm Air Coil Transponder	2mm Air Coil Transponder	Oval Air Coil Transponder
SKU	ST067	ST248	ST247	ST068
Frequency				
HF: 13.56MHz (+0.5/-0.2MHz)	✓	✓	✓	✓
ISO				
HF:	15693/NDEF	ISO15693	ISO15693	15693/NDEF
Dimensions (custom sizes available)	10 x 0.5mm (1.5mm max at chip location)	3.5 x 0.9mm or 3.1 x 2.2mm	2.0±0.25 x 1.25mm	17.5 x 6.5mm
Operating Temperature (°C)	0 to +50	0 to +50	-10 to +60	0 to +50
Storage Temperature (°C)	-10 to +60	-10 to +60	-30 to +85	-10 to +60
Memory				
HF:	Icode SLIX/ SLIXL, Tag-it, NTAG213/215/216, SIC43N1	Icode SLIX/SLIXL	Icode SLIX/SLIXL	Icode SLIX/ SLIXL, Tag-it, NTAG213/215/216, SIC43N1