

## Cylindrical Transponder Specification

Model No.	CT6008	CT6300	CT6230	GT601200	GTQ5
Size	5.8mm±0.1mm	5mm±0.1mm	5mm±0.1mm	3.15mm±0.1mm	3.15mm±0.1mm
Length	16mm±0.1mm	30mm±0.1mm	23mm±0.1mm	13.3mm±0.4mm	13.3mm±0.4mm
Reading Distance by EM9917 Reader (GK4001)	40mm	50mm	45mm		
Reading Distance by EM9917 Reader (EM4102)	50mm	70mm	50mm		
Operating frequency	125KHz	125KHz	125KHz	131±6KHz	100 to 150KHz
Storage temperature	-40°C to 100°C	-25°C to 80°C	-25°C to 80°C	-25°C to 80°C	-40°C to 90°C
Operating temperature	-40°C to 85°C	-5°C to 60°C	-5°C to 60°C	-5°C to 60°C	-40°C to 85°C
Material	Nylon	Nylon	Nylon	Glass	Glass
Water proof	Y	Y	Y	Y	Y
IP	67	67	67	Y	
UNIQUE(64 bit, R/O)					Y
Q5(264bit, R/W)					
Temic T5557 (256bit, R/W)	Y	Y	Y		
Hitag 1 (256bit, R/W)	Y	Y	Y		
Hitag 2 (256bit, R/W)	Y	Y	Y		
GK4001 (EM4102 compatible)	Y	Y	Y		
I-Code SLI(13.56MHz 1024bit,R/W)	Y	Y	Y		

**Application :** Automotive entry system, Automotive immobilizer, Proximity access control.

### Dimension:

