

Product-type designation	
RF630L transponder	
SIMATIC RF630L SMARTLABEL INLAY PET 97X27 MM; ISO 18000-6C, EPC CLASS 1 GEN 2 FREQUENCY 860 MHZ UP TO 960 MHZ CHIP TYPE, IMPINJI MONZA 4QT 128 BIT EPC MEMORY 64 BYTE ADD-ON MEMORY -40 UP TO +65 DGR/C; 5000 PCS PER EACH ROLL MINIMAL ORDER QUANTITY 5000 PCS	
	
Suitability for installation	RF600
Wireless frequencies	
Operating frequency	860 ... 960 MHz
Electrical data	
Range	
• maximum	8 m
Protocol / for radio transmission	EPCglobal Class 1 Gen 2 / ISO 18000-6C
Transfer rate / with radio transmission / maximum	320 kbit/s
Product property / multitag-capable	Yes
Polarization	Linear
Product component / Buffer battery	No
Memory	
Type of memory	EEPROM
Memory capacity / of user memory	64 byte
Type of memory organization	EPC memory 96/128 bits, user memory 64 bytes (512 bits), TID memory 4 bytes
Number of read cycles / at ambient temperature < 40 °C / maximum	1000000000000000
Number of write cycles / at ambient temperature < 40 °C / maximum	100000
Data retention time / at ambient temperature < 40°C / at least	10 a
Mechanical data	

Material	PET
Mounting distance / for metal surfaces / recommended / minimum	3 mm
Permitted ambient conditions	
Ambient temperature	
• during read/write access	-40 ... +65 °C
• outside the read/write area	-40 ... +80 °C
• during storage	15 25 °C
Protection class IP	IP65
Mechanical stress resistance	Torsion and bending stress conditionally permissible
Design, dimensions and weight	
Width	27 mm
Height	0.3 mm
Depth	97 mm
Net weight	1 g
Product properties, functions, components / general	
Product property / printable	Yes
Printing process	Thermal transfer process (currently only using Toshiba B-SX4T)
letzte Änderung:	Jul 21, 2014