

<b>Product-type designation</b>		<b>RF610T transponder</b>
		<p>SIMATIC RF610T ISO CARD;PVC; 86 X 54 X 0.4 MM; ISO 18000-6C, EPC CLASS 1 GEN 2 FREQUENCY 860 UP TO 928 MHZ CHIP TYPE, NXP G2XM EPC 240 BIT 64 BYTE ADD-ON MEMORY -25 UP TO +85 DGR/C; MINIMAL ORDER QUANTITY 500 PCS</p>
Suitability for installation		RF600
<b>Wireless frequencies</b>		
Operating frequency		860 ... 960 MHz
<b>Electrical data</b>		
Range		
<ul style="list-style-type: none"> <li>• maximum</li> </ul>		5 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
<b>Memory</b>		
Type of memory		EEPROM
Memory capacity / of user memory		64 byte
Type of memory organization		EPC memory 96/240 bits, user memory 64 bytes (512 bits), TID memory 8 bytes
Number of read cycles / at ambient temperature < 40 °C / maximum		100000000000000
Number of write cycles / at ambient temperature < 40 °C / maximum		100000
Data retention time / at ambient temperature < 40°C / at least		10 a
<b>Mechanical data</b>		

Material	PVC, food-safe
Color	white
Mounting distance / for metal surfaces / recommended / minimum	3 mm
<b>Permitted ambient conditions</b>	
Ambient temperature	
• during read/write access	-25 ... +85 °C
• outside the read/write area	-40 ... +85 °C
• during storage	-40 +85 °C
Protection class IP	IP67
Resistance against shock	According to DIN EN 60721-3-7 Class 7 M3
Resistance against shock	1000 m/s <sup>2</sup>
Resistance against vibration	500 m/s <sup>2</sup>
Mechanical stress resistance	Torsion and bending stress conditionally permissible
<b>Design, dimensions and weight</b>	
Width	54 mm
Height	0.4 mm
Depth	86 mm
Net weight	3 g
<b>Product properties, functions, components / general</b>	
Product property / printable	Yes
Printing process	Thermal transfer process
<b>Standards, specifications, approvals</b>	
MTBF	1712 a
Accessories	Fixing pocket, spacer
<b>letzte Änderung:</b>	Jul 21, 2014