



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



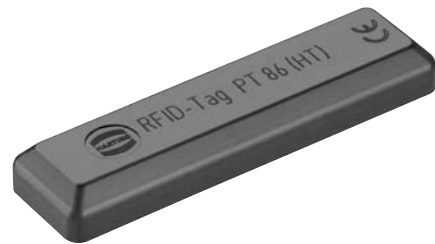
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## Passive UHF Transponder PT 86 (HT)

### Advantages

- Functions on metal
- Robust housing, resistant against chemicals
- EPC C1 Gen2 compatible
- Degree of protection IP 69K
- Extended memory

### Applications

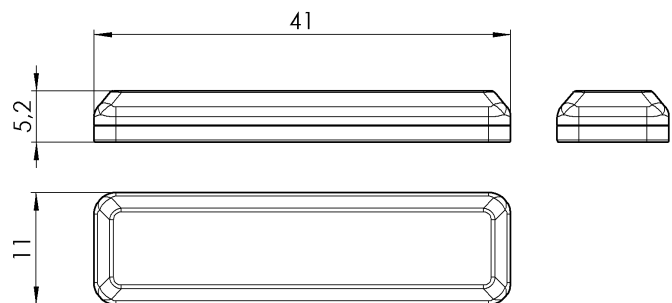
- Extremely robust and durable transponder for maintenance and life cycle applications in rough environments
- Read range (on metal plate, 2 W ERP, 868 MHz):  $\geq 2.5$  m

Identification	Part number	Drawing	Dimensions in mm
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Passive UHF Transponder  
Ha-VIS RFID PT 86 (HT)

Pack with 10 pieces  
Pack with 50 pieces

20 92 641 0101  
20 92 641 0102



### Technical characteristics

<b>Frequency range</b>	860 MHz ... 960 MHz	
<b>Protocol</b>	EPC C1Gen2	
<b>Chip</b>	Alien Higgs 3	
<b>Memory</b>	512 Bit	
<b>Temperature range</b>	Operational range (read / write)	-50 °C ... +85 °C
	Storage	-65 °C ... +160 °C
<b>Housing</b>	Size (W x D x H)	41 x 11 x 5 mm
	Degrees of protection	IP 64 / IP 67 / IP 69K
	Mounting	Adhesive film
	Colour	Black



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