

## TMF8020 UHF RFID Printable On-metal Label Datasheet



<b>Performance Characteristics</b>	
Protocol:	EPC Class1 Gen2, ISO18000-6C
Operating Frequency	902-928MHz
Chipset:	R6P
Memory:	EPC 128bits
Re-writing cycles:	100,000 cycles
Functionality:	Read/Write
EEPROM data retention:	10 years
RFID printer match:	Sato CL4NX, Zebra ZT410 Silverline, etc.
Applications:	Metal surface, asset tracking
Reading range: (With 4W fixed reader)	7.0m, on metal surface, 902-928MHz
Reading range: (With 2W handheld reader)	4.0m, on metal surface, 902-928MHz
Warranty period:	1 year
<b>Physical Characteristics</b>	
Dimension:	80mm x 20mm x 1.0mm
Material:	PET/AL/EVA
Color:	White
Installation method:	Adhesive
Packing:	Coil inner diameter: 76.2mm (3 inches) , 300pc/roll
Weight:	1.8g/pc
<b>Environmental Characteristics</b>	
IP rating:	IP68, 5 hours under 1m deep water
Storage Temperature:	-40°C to +120°C
Operating Temperature:	-40°C to +85°C