

Product Guide

 Embeddable
  Global Frequency
  High Temp
  Autoclavable
  User Memory
  Long Range

Series	MICRO series - high temp					
Product	 MICRO Industrial	 MICRO Paint Shop	 MICRO Autoclave	 MICRO Medical	 MICRO Power	 MICRO Heat
Part Number (P/N)	X1130-US100-H9 (US) X1130-EU100-H9 (EU)	X1130-US130-H9 (US) X1130-EU130-H9 (EU)	X1130-US140-H9 (US) X1130-EU140-H9 (EU)	X0353-US100-U9 (US) X0353-EU100-U9 (EU)	X3130-US101-M750 (US) X3130-EU101-M750 (EU)	X1220-US050-H4 (US) X1220-EU050-H4 (EU)
User memory version						
Frequency	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)	902-928 MHz (US) 865-868 MHz (EU)
IC type	Alien Higgs 9	Alien Higgs 9	Alien Higgs 9	NXP UCODE 9	Impinj M750	Alien Higgs 4
Chip memory	48 bits TID 96 bits EPC 688 bits user memory 	48 bits TID 96 bits EPC 688 bits user memory 	48 bits TID 96 bits EPC 688 bits user memory 	96 bits TID 96 bits EPC	96 bits TID 96 bits EPC 32 bits user memory	64 bits TID 128 bits EPC 128 bits user memory
Read range on metal (fixed)	Up to 32.81 ft (10 m) 	Up to 32.81 ft (10 m) 	Up to 32.81 ft (10 m) 	Up to 14.76 ft (4.50 m)	Up to 13.12 ft (4 m)	Up to 13.12 ft (4 m)
Read range off metal (fixed)	Limited	Limited	Limited	Up to 16.40 ft (5 m)	Limited	Limited
Material	Industry grade polymer 316L Stainless steel	Industry grade polymer 316L Stainless steel	Industry grade polymer 316L Stainless steel Silicone	Industry grade polymer Stainless steel	Industry grade polymer	High temperature polymer
Mounting systems	Pop rivets M3, Screws M3 Industrial adhesive (optional)	Pop rivets M3, Screws M3 Industrial adhesive (optional)	Pop rivets M3, Screws M3	Pop rivets M3, Screws M3 Cable ties	Pop rivets M3, Screws M3 Cable ties Industrial adhesive (optional)	Screws M3, Cable ties Industrial adhesive
Operational temperature	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)	-40°F to +185°F (-40°C to +85°C)
Survival temperature	-40°F to +482°F (-40°C to +250°C) 	-40°F to +482°F (-40°C to +250°C) 	-40°F to +302°F (-40°C to +150°C)	-40°F to +302°F (-40°C to +150°C)	-40°F to +302°F (-40°C to +150°C)	-67°F to +419°F (-55°C to +215°C) 
Compression strength	181 psi (1,250 kPa)	181 psi (1,250 kPa)	181 psi (1,250 kPa)		181 psi (1,250 kPa)	355 psi (2,450 kPa)
IP rating	IP68	IP68	IP69K 	IP69K 	IP68	IP68
Dimensions	2.16 x 1.43 x 0.30 in (55x 36.20 x 7.50 mm)	2.16 x 1.43 x 0.30 in (55x 36.20 x 7.50 mm)	2.16 x 1.43 x 0.30 in (55x 36.20 x 7.50 mm)	3.52x 0.51 x 0.24 in (89.50 x 13 x 6.10 mm)	1.25 x 0.43 x 0.24 in (32 x 10.80 x 6 mm)	1.65x 0.59 x 0.09 in (42 x 15 x 2.10 mm)
Weight	0.92 oz (26 g)	0.92 oz (26 g)	0.92 oz (26 g)	0.32 oz (9.20 g)	0.11 oz (3 g)	0.08 oz (2.20 g)
Applications	High temperature production Work in process Automotive assembly RTI management	Paint shop skids Chemical Pre-Treatments Cataphoresis coating High-Temp drying ovens Powder coating	Autoclave sterilization Surgical trays Medical devices Healthcare equipment	Surgical tray management Medical device tracking	Power tool tracking Automotive Post-Paint processes Construction tools Audio-Video equipment Rental fleet management RTI management	High temperature production Work in process RTI management