

Nano X-II HT

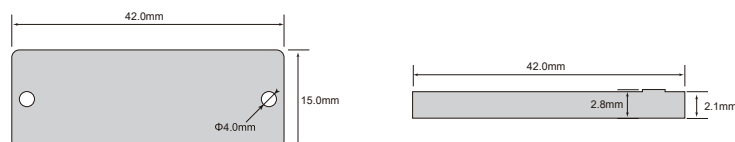


Functional Specification:

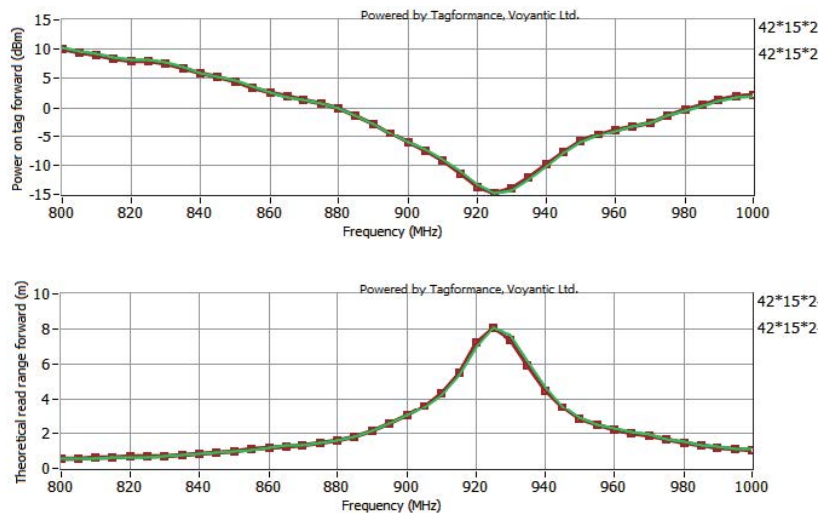
RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	902-928MHz(US), 865-868MHz(EU)
IC type:	Alien Higgs-4
Memory:	EPC 128bits, USER 128bits, TID 64bits
Write Cycles:	100,000 Times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Metal Surfaces
Read Range :	6.8 m - 902-928MHz(US), on metal
(Fix Reader:36dBm)	7.0 m - 865-868MHz(EU), on metal
Read Range :	5.3 m - 902-928MHz(US), on metal
(Handheld Reader:33dBm)	5.5 m - 865-868MHz(EU), on metal
Warranty:	1 Year

Physical Specification:

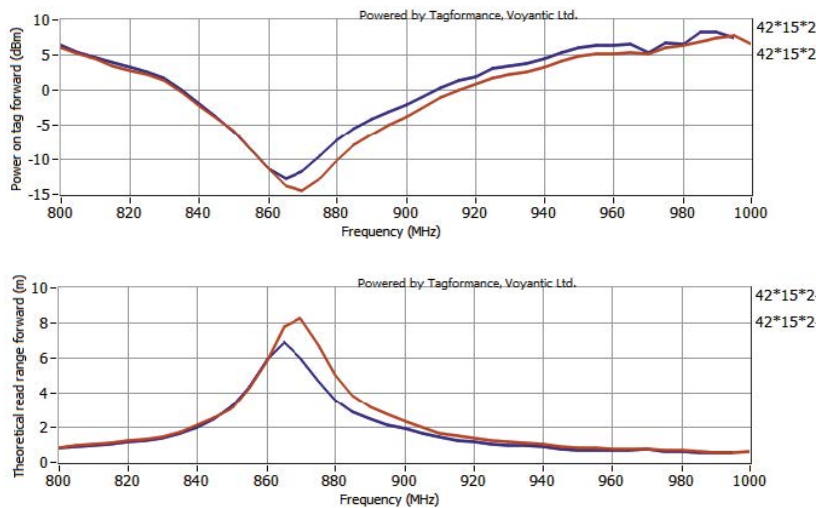
Size:	42x15mm, (Hole: \varnothing 4mmx2)
Thickness:	2.1mm without IC bump, 2.8mm with IC bump
Material:	PTFE
Colour:	Black
Mounting Methods:	High Performance Adhesive, Screw(M3)
Weight:	2.2g



Read Range(US):



Read Range(EU):



Environmental Specification:

IP Rating:	IP68
Storage Temperature:	-55°C to +200°C (280°C for 50 minutes, 250°C for 150minutes)
Operation Temperature:	-40°C to +150°C (180°C for 10 hours)
Certifications:	Reach Approved, RoHS Approved, CE Approved

Order Confirmation:

X1220-US050-H4	Nano X-II HT(US)
X1220-EU050-H4	Nano X-II HT(EU)