

UHF Metal Tag PCB Material Model : PCB-060302



Colour



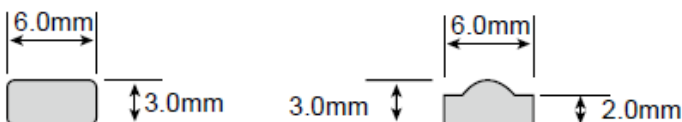
Functional Specifications

RFID Protocol	: EPC Class1 Gen2, ISO18000-6C
Frequency	: (US) 902-928MHz, (EU) 865-868MHz
IC type	: Alien Higgs-3
Memory	: EPC 96 bits (Up to 480 bits), USER 512 bits, TID 64 bits
Write Cycles	: 100,000 times
Functionality	: Read/write
Data Retention	: Up to 50 Years
Applicable Surface	: Metal Surfaces
Read Range (Fix Reader)	: 85 cm - (US) 902-928MHz, on metal 80 cm - (EU) 865-868MHz, on metal
Read Range (Handheld Reader)	: 50 cm - (US) 902-928MHz, on metal 45 cm - (EU) 865-868MHz, on metal
Warranty	: 1 Year

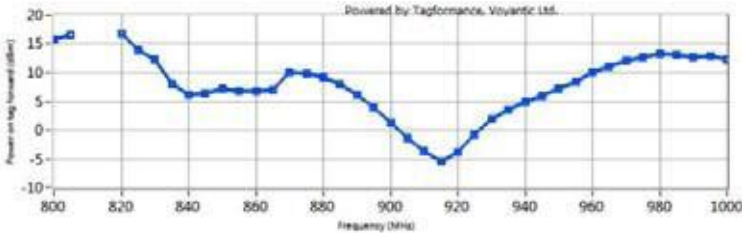
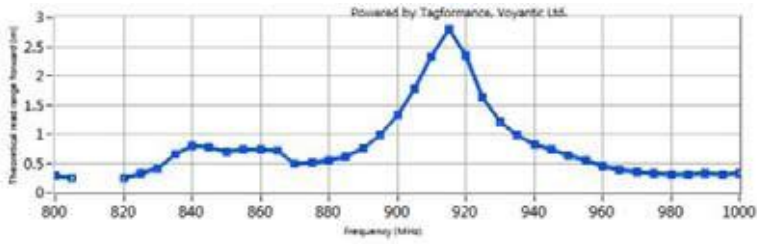
Physical Specification

Size	: 6.0 x 3.0 mm
Thickness	: 2.0 mm without IC bump, 3.0 mm with IC bump
Material	: FR4 (PCB)
Colour	: Black (Red, Blue, Green, White)
Mounting Methods	: Embed, Adhesive
Weight	: 0.5 g

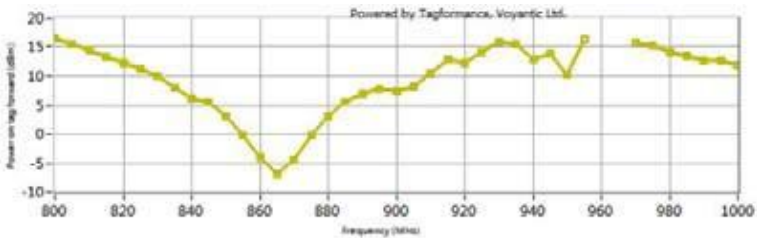
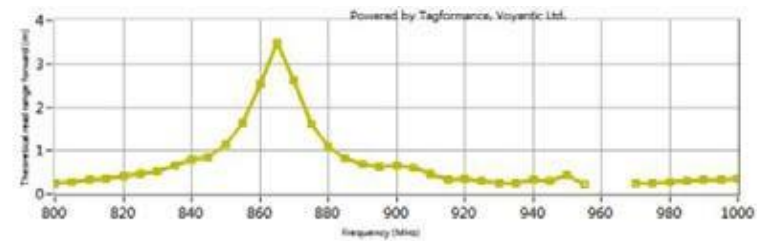
Dimensions



PCB060302U3:



PCB060302E4:



Environmental Specification

IP Rating : IP68

Storage Temperature : -40°C to +150°C

Operation Temperature : -40°C to +100°C

Certifications : Reach Approved, RoHS Approved, CE Approved

Order information

PCB060302U3 (US) 902-928MHz,

PCB060302E4 (EU) 865-868MHz