

UHF Metal Tag PCB Material Model : PD5



Colour



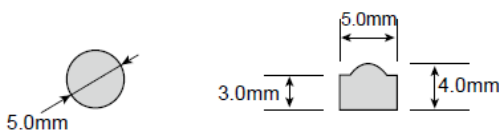
Functional Specifications

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	: 100 cm - (US) 902-928MHz, on metal
(Fix Reader)	90 cm - (EU) 865-868MHz, on metal
Read Range	: 60 cm - (US) 902-928MHz, on metal
(Handheld Reader)	55 cm - (EU) 865-868MHz, on metal
Warranty	: 1 Year

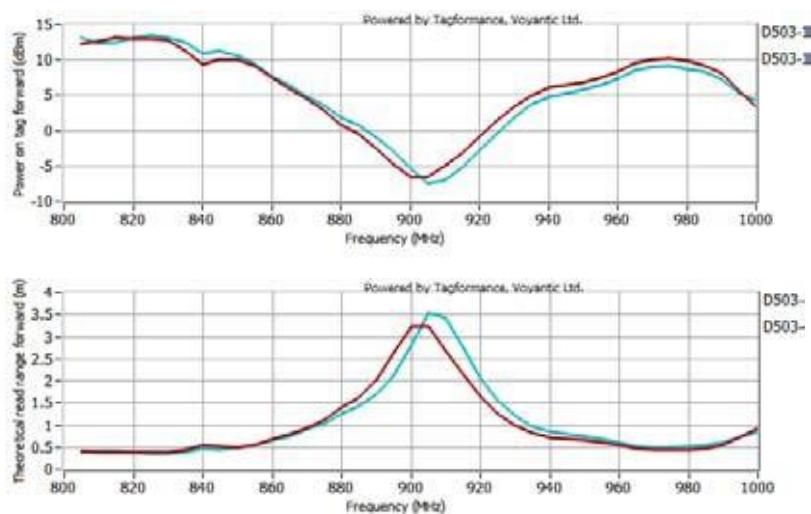
Physical Specification

Size	: Diameter 5 mm
Thickness	: 4.0 mm with IC bump
Material	: FR4 (PCB)
Colour	: Black (Red, Blue, Green, White)
Mounting Methods	: Embed, Adhesive
Weight	: 0.5 g

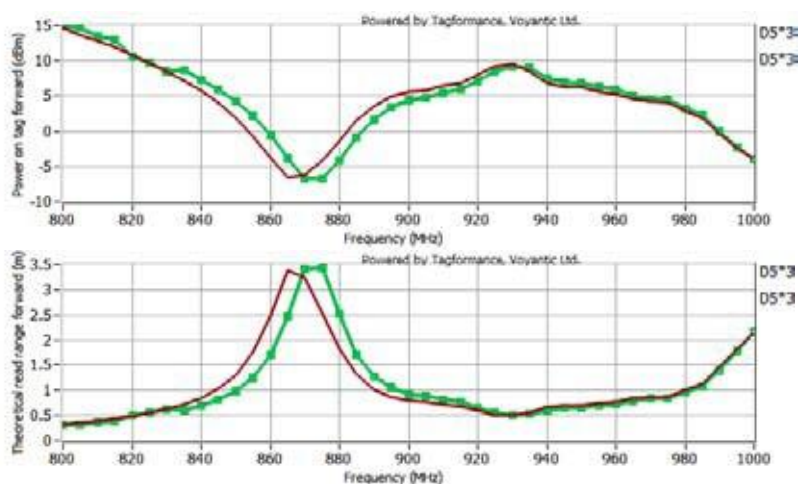
Dimensions



PCBD5U1:



PCBD5E4:



Physical 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

PCBD5U1 (US) 902-928MHz,

PCBD5E4 (EU) 865-868MHz