



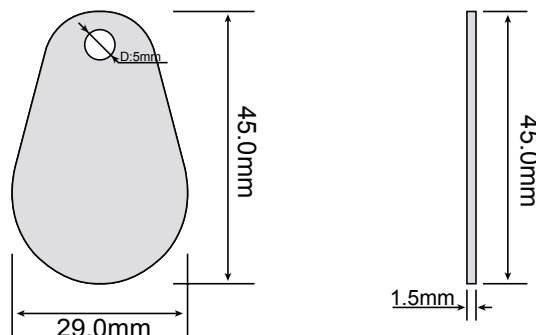
**Functional Specifications:**

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	NXP UCODE 8
Memory:	EPC 128bits , USER 0bits, TID 96bits
Write Cycles:	Minimum 100,000 times
Functionality:	Read/write
Data Retention:	Up to 50 Years
Applicable Surface:	Non Metal Surfaces
Read Range : (Fix Reader)	3.0m - (US) 902-928MHz, (off metal), 2.2m - (EU) 865-868MHz, (Hang on the waist).
Read Range : (Handheld Reader)	2.0m - (US) 902-928MHz, (off metal), 1.3m - (EU) 865-868MHz, (Hang on the waist).
Warranty:	1 Year

**Physical Specification:**

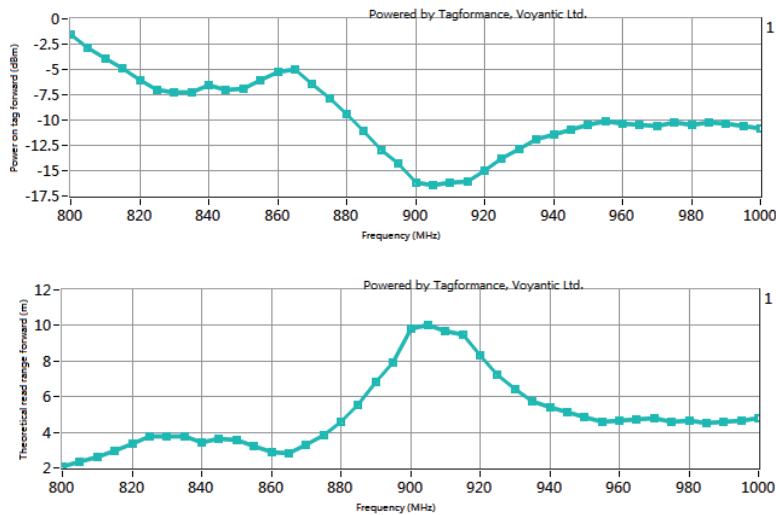
Size:	45.0x29.0mm, (Hole: D5.0 mm)
Thickness:	1.5mm
Material:	PCB
Colour:	Black
Mounting Methods:	Metal ring
Weight:	3.0g

**Dimensions:**

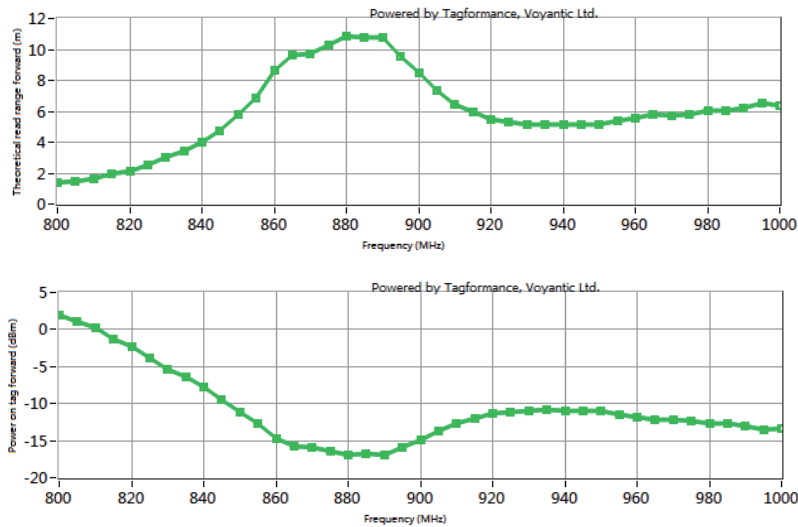


## Focus on UHF Special Tag

### PCB4529 U2:



### PCB4529 E2:



### 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:

PCB4529U2:	(US) 902-928MHz
PCB4529E2:	(EU) 865-868MHz