



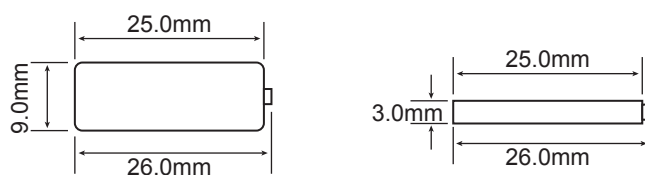
Functional Specifications:

RFID Protocol:	EPC Class1 Gen2, ISO18000-6C
Frequency:	(US) 902-928MHz, (EU) 865-868MHz
IC type:	Ucode-8
Memory:	EPC 128bits , USER 0bits, TID 96bits
Write Cycles:	100,000 times
Functionality:	Read/write
Data Retention:	50 Years
Applicable Surface:	Metal Surfaces
Read Range : (Fix Reader)	Up to 5.0m - (US) 902-928MHz, on metal Up to 4.4m - (EU) 865-868MHz, on metal
Read Range : (Handheld Reader)	Up to 3.0m - (US) 902-928MHz, on metal Up to 2.7m - (EU) 865-868MHz, on metal
Warranty:	1 Year

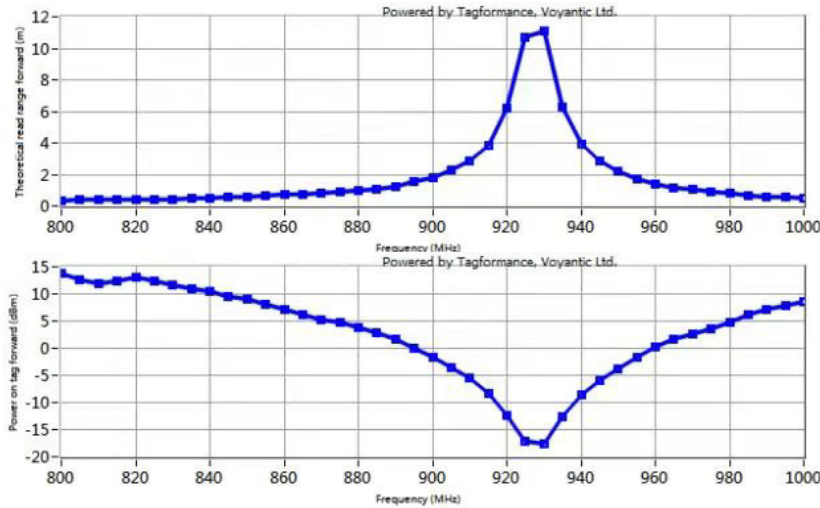
Physical Specification:

Size:	25.0x9.0mm
Thickness:	3.0mm
Material:	Ceramic
Colour:	Black
Mounting Methods:	Adhesive
Weight:	3.8g

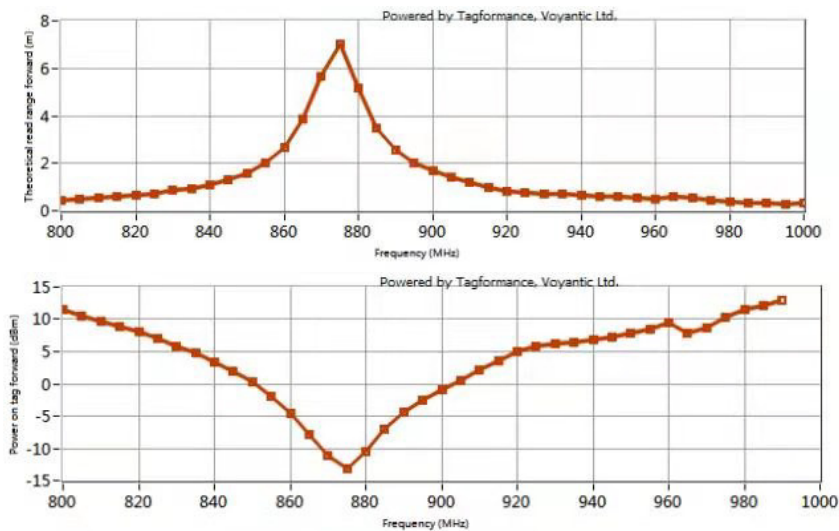
Dimensions:



CER2509U1



CER2509E1



Environmental Specification:

IP Rating:	IP68
Storage Temperature:	-40°C to +150°C
Operation Temperature:	-40°C to +85°C
Certifications:	Reach Approved, RoHS Approved, CE Approved

Order information:

CER2509U1	(US) 902-928MHz,
CER2509E1	(EU) 865-868MHz