

MT-242068/SLH

865 – 870 MHz 2.5 dBic LHCP Reader Antenna

Electrical

Regulatory Compliance	RoHS, CE 0682
Frequency	865 – 870 MHz
Gain	2.5 dBic typ
VSWR	1.3:1 max
3 dB Beam Width	Azimuth: 100° typ Elevation: 100° typ
Polarization	LHCP
Axial Ratio @ Boresight	3 dB max
F/B Ratio	10 dB typ
Input Impedance	50 ohm
Input Power	6 W max

Mechanical

Dimensions LxWxD	95 x 95 x 11 mm not including connector
Weight	100 gr
Connector	SMA – Female

Environmental

Test	Standard	Duration	Temperature	Notes
Low Temperature	IEC 68-2-1	72 h	-55 °C	
High Temperature	IEC 68-2-2	72 h	+71 °C	
Temp. Cycling	IEC 68-2-14	1 h	-45°C to +70°C	3 Cycles

* Antenna measured in free space.