

FLEXIBLE PCB ANTENNA FOR LoRa APPLICATIONS

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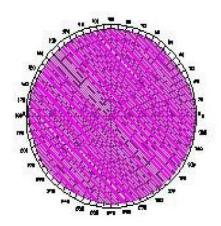
RPCF-TUA12-2717-O-A-001

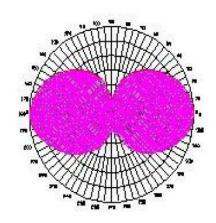
ELECTRICAL SPECIFICATION



PARAMETERS		VALUE	UNIT
Frequency Range		433	MHz
Band Width		±3	MHz
Gain		3	dBi
VSWR, max		1.5	-
Input Power, max		50	W
Impedance		50	Ω
Connector		IPEX	-
Cable	Туре	Ø1.13	mm
	Length	10	cm
Antenna Radome Material		FPC	-
Mounting Method		Adhesive	-
Dimensions		27 x 17	mm
Weight		1	g
Operating Temperature Range		-40 ~ +70	°C
Relative Humidity		+15 ~ 70	%
RoHS Compliant		YES	-

RADIATION PATTERN







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APPROVAL

RALTRON		
DRAWN BY:	AR, April 22, 2019	
APPROVED BY:	CP, April 22, 2019	
REVISION:	A, Initial Release	

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