

FLEXIBLE PCB ANTENNA FOR LoRa APPLICATIONS

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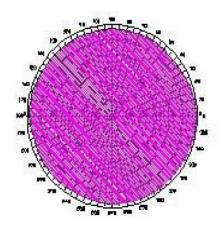
RPCF-TUA12-2717-O-A-001

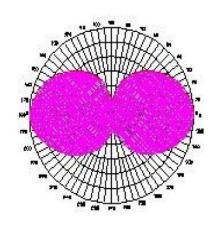
■ ELECTRICAL SPECIFICATION



| 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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