

5.8 — 6.725 GHz
ISOLATOR, DROP-IN
R2K6NAJL-ROHS



DESCRIPTION:

R2K6NAJL-RoHS is a RoHS-compliant drop-in isolator that covers a frequency range of 5.8 to 6.725 GHz. Its drop-in design allows for quick and easy integration into printed circuit boards.

With its low insertion loss, frequency range, compact size, and stability over a wide temperature range, it is an ideal choice for radar systems, satellite communication, electronic warfare, and wireless infrastructure.

FEATURES & BENEFITS:

- RoHS compliant
- High isolation and low insertion loss
- High VSWR for improved system stability and reduced signal distortion
- Wide operational temperature range
- Drop-in, compact design allows for easy integration onto a PCB

SPECIFICATIONS:

Frequency	5.8 — 6.725 GHz
Isolation	20 dB
Insertion Loss	0.5 dB
VSWR (Max)	1.25:1
Power (Avg)	50 W
Temperature	-40°C to +85°C
Package Size	0.375" x 0.620" x 0.18"

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