**A1.5K030-4040R**

**Class A Linear Solid-State Amplifier**
- Broadband Frequency: 1.5kHz ~ 30MHz
- Output Power: 10W (min.) @1dB Comp.

**APPLICATION**
- EMC (Electromagnetic Compatibility)
- Etc...

**SPECIFICATIONS @ +25°C**
- Frequency Range: 1.5kHz ~ 30MHz
- Small Signal Gain: +40.0dB (min.)
- Gain Flatness: ±2.0dB (max.)
- Output Power: 10W (min.) @1dB Comp.
- Operation Mode: Class A
- Output I.C.P.: +50.0dBm (typ.)
- Harmonics: −18.0dBc (max.) @Po=10W
- Spurious: −60.0dBc (max.) @Po=10W
- Impedance: 50Ω
- Input Return Loss: 9.5dB (min.) / VSWR: 2.0 (max.)
- Output Return Loss: 9.5dB (min.) / VSWR: 2.0 (max.)
- Maximum RF Input Power: +3.0dBm
- AC Supply Input: AC90V~240V / 1φ, 50/60Hz
- Operating Temperature: 0°C to +40°C
- Storage Temperature: −15°C to +65°C
- Connectors: RF-IN N - FEMALE
- Size: (W)260mm × (D)350mm × (H)149mm
- Weight: 10.0kg (max.)
- Cooling: Forced Air Cooling
- Protection Circuits: Over Temperature Protection

**TYPICAL PERFORMANCE (Temp @+25°C)**

- **Gain Flatness**
- **Input / Output VSWR**
- **Output Power Linearity**
- **Output Harmonics**

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