**R&K-A1.5K030-4040R**

**OUTLINE DRAWING**

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

**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: AC100V±10%/±1φ, 50/60Hz, 120VA
- Operating Temperature: 0°C to +40°C
- Storage Temperature: -15°C to +65°C
- Connectors: RF - IN N - FEMALE, RF - OUT 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**

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