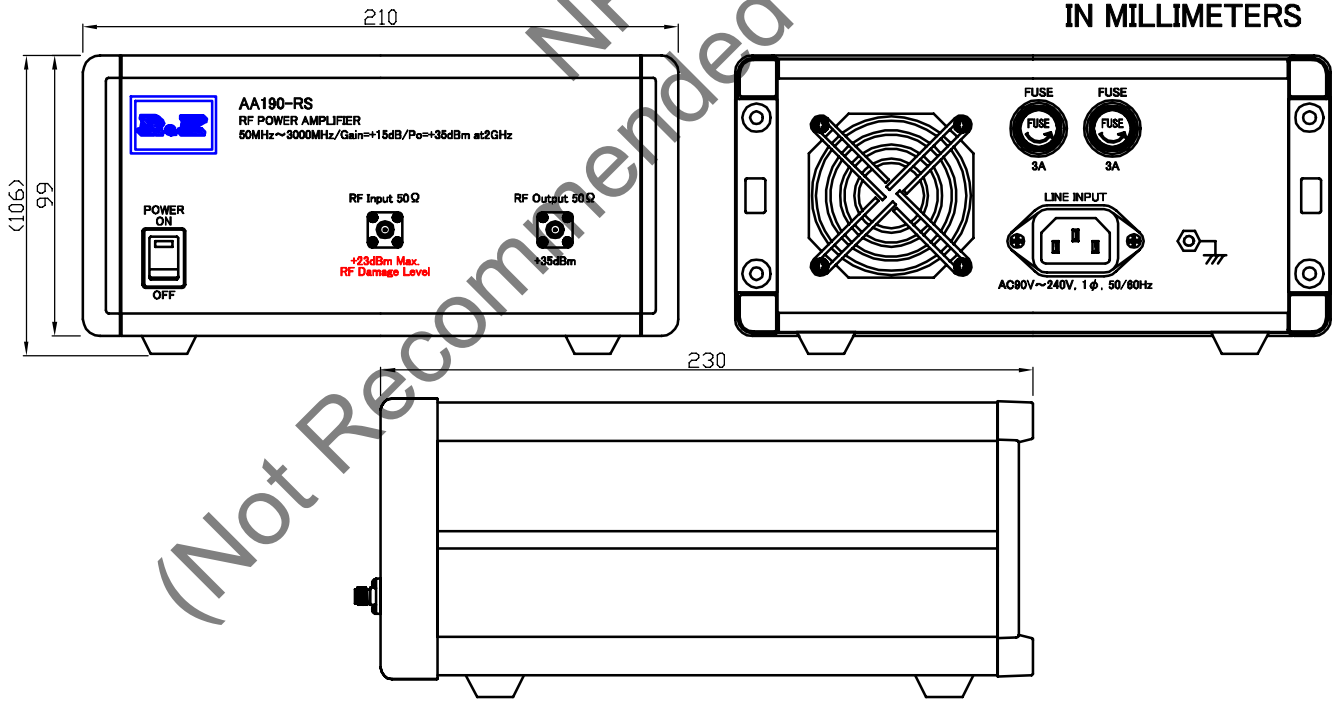
SMALL SIGNAL AMPLIFIER
MODEL ; R&K-AA190-RS

SPECIFICATIONS

Frequency Range	; 50 – 3000MHz
Small Signal Gain	; +17dB (typ.) @2GHz
	; +15dB (min.)
Gain Flatness	; ±1.5dB (max.)
Output Power@1dB Comp.	; +35dBm (min.) @2GHz
Output I.C.P.	; +44dBm (typ.) @2GHz
Noise Figure	; 10.0dB (max.)
Impedance	; 50Ω
Input Return Loss	; 9.5dB (typ.)
Output Return Loss(0.05-1GHz)	; 2.9dB (typ.)
(1-3GHz)	; 9.5dB (typ.)
AC Supply Input	; AC90～240V 50/60Hz
	; 50VA (max.)
Maximum RF Input Power	; +23dBm
Operating Temperature	; −15℃ to +45℃
Storage Temperature	; −15℃ to +65℃
Connectors (In/Out)	; SMA-FEMALE
Weight	; 3.0kg (max.)

OUTLINE DRAWING

IN MILLIMETERS



NOTE ; Specifications subject to change without notice.

(Not Recommended for New Design)
NRND

2018/10/16 Spec. Change
2026/10/27 Spec. Outline Change

R&K 株式会社 アールアンドケー				AA190-RS
三角法	縮尺 SCALE	単位 UNIT	作成年月日 DRAWN	仕様書
		mm inch	2009/11/5	
検認 APPROVED	照査 CHECKED	設計 DESIGNED	作成 DRAWN	EK-20-0219-4-00
Masahiko Suzuki	Tomotaka	Masahiko Suzuki	Takano	

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