

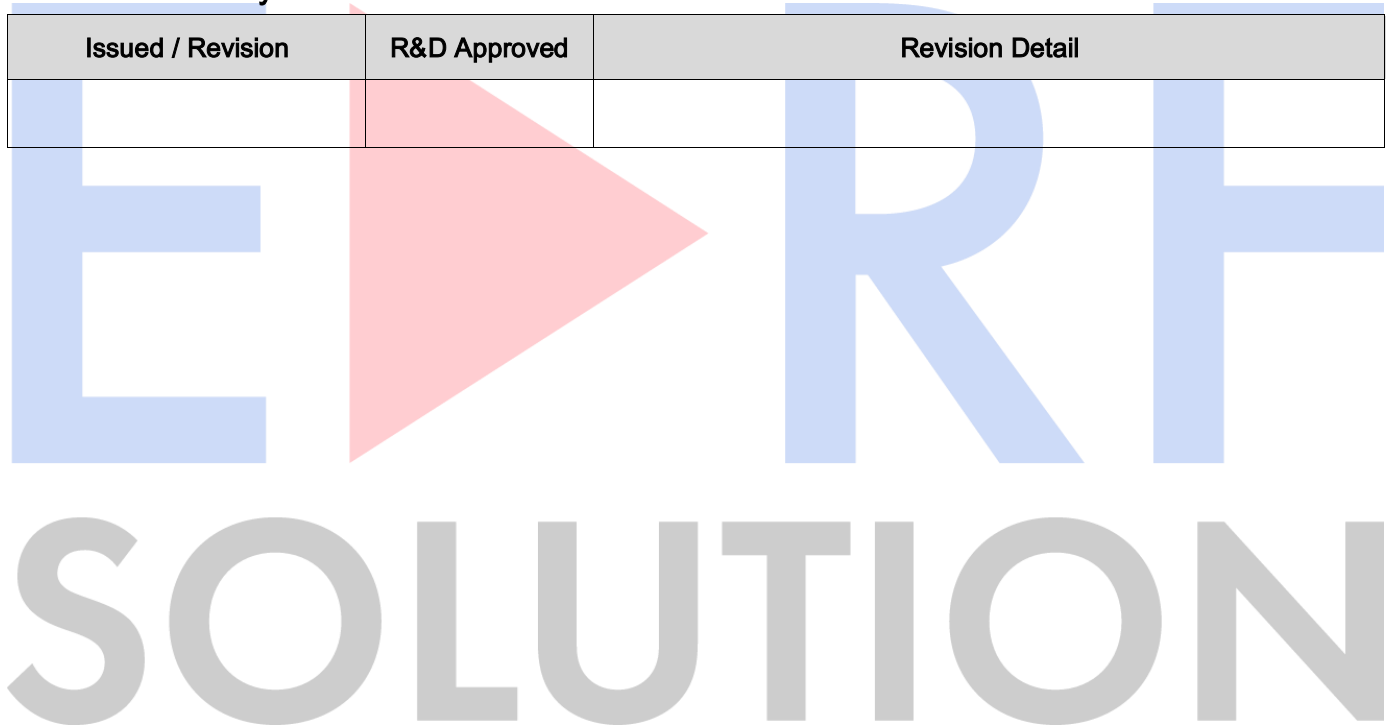
Specification

1. Item

| | |
|------------|-------------------------------------|
| Product | 3300~3800MHz 500W Jamming Amplifier |
| Partnumber | EJM-3300-53-53 |

2. Revision History

| Issued / Revision | R&D Approved | Revision Detail |
|-------------------|--------------|-----------------|
| | | |



| | | |
|---|-------|----------|
| Design | R & D | Approval |
|  | | |
| CYKIM | | |

| | | |
|-----------|-------|--------------------------|
| Customer: | Date: | Part No.: EJM-3300-53-53 |
|-----------|-------|--------------------------|

General Specification

| No. | Parameter | Specification | Unit |
|-----|----------------------------|--|----------------|
| 1 | Operating Frequency Range | 3300~3800MHz | - |
| 2 | Output Power(Psat) | 200W typ. | - |
| 3 | Gain | 53dB typ. | - |
| 4 | Gain Flatness | ±1.0dB typ. | - |
| 5 | Input VSWR | 1.5:1 | - |
| 6 | Normal Operating Voltage | +50Vdc | - |
| 7 | DC Current Consumption | 18A typ. (20A max.) | - |
| 8 | Spurious Signal | -60dBc | - |
| 9 | RF Connectors | Input: SMA Female Output : N Female | - |
| 10 | TDD Switching Time | 5uS typ.(10uS max.) | - |
| 11 | Monitor | FWD, RVS, Temp Monitor | - |
| 12 | Dimension | 250*180*32 | - |
| 13 | Weight | 2.5kg max. | - |
| 14 | Cooling | External Heat Sink | - |
| 15 | Operating Case Temperature | -20°C~+60°C | - |
| 16 | Storage Temperature | -30°C~+85°C | - |
| 17 | Relative Humidity | 0%~95% RH | Non-condensing |

I/O Interface (D-Sub 9Pin Male)

| Pin No. | Description | Specifications |
|---------|-------------------|--|
| 1 | Over Power Alarm | Po=+54dBm±1dB High (Alarm) & Shutdown Low (Normal) |
| 2 | VSWR Alarm | Over 43dBm Output Open High (Alarm) & Shutdown Low (Normal) |
| 3 | High Temp. Alarm | High (Alarm) & Shutdown Low (Normal) Alarm & Shutdown +90°C↑ Auto Recovery +70°C↓ |
| 4 | NC | - |
| 5 | Enable/Disable | High (Disable), TDD Switching Open & Low (Enable) |
| 6 | FWD Power Monitor | 4.0V@Po=+53dBm, 0.1V/dB |
| 7 | RVS Power Monitor | 3.0V@Po=+43dBm, 0.1V/dB |
| 8 | Temp. Monitor | Vo=(T / 100)+500mV |
| 9 | GND | - |

DC Connector (Feed Thru)

| Pin No. | Description | Specifications |
|---------|-------------|----------------|
| A1 | VDD | 50V |

Mechanical Dimension [Unit: mm]

