

Travelling Merchant: _____

DATASHEET

Standard: **O56A-ASDN-12.80MHz**

Plot			The Label
Drawing	Auditing	Approve	Stamp, please! Thanks!
Date: 2009-05-26			

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The parameter of product

MODEL: O56A-ASDN-12.80MHz

1. Output

- | | |
|------------------------|-----------------------------|
| 1.1. Nominal Frequency | 12.80MHz |
| 1.2. Waveform | Sine wave |
| | 3dBm min, Load: 50 Ω |
| 1.3. Interface | SMA-50K |

2. Frequency Stabilities

- | | |
|--|---|
| 2.1. Stability vs. operating temp. rang | $\leq \pm 1.0 \times 10^{-8}$ @-25°C ~ +70°C , after turn on 48 hour
@25°C |
| 2.2 Initial frequency | $\leq \pm 5.0 \times 10^{-8}$ @25 °C $\pm 5^\circ\text{C}$ |
| 2.3. Mechanical frequency adjustment | $\geq \pm 3.0 \times 10^{-7}$ |
| 2.4. Short-time frequency stability | $\leq \pm 5.0 \times 10^{-11}/\text{S}$ |
| 2.5. Stability vs. load change | $\leq \pm 2.0 \times 10^{-9}$ @50 $\Omega \pm 5\%$ |
| 2.6. Stability vs. supply voltage change | $\leq \pm 2.0 \times 10^{-9}$ @+12VDC $\pm 5\%$ |
| 2.7. Aging | $\leq \pm 5.0 \times 10^{-10}/\text{day}$ @after 30 days
$\leq \pm 5.0 \times 10^{-8}/\text{first year}$ |

3. Supply Voltage

- | | |
|---------------------|------------------|
| 3.1. Supply Voltage | +12VDC $\pm 5\%$ |
|---------------------|------------------|

4. Current

- | | |
|--------------------------|--|
| 4.1. Current consumption | $\leq 300\text{mA}$ 25 $\pm 5^\circ\text{C}$ |
| 4.2. Steady | $\leq 110\text{mA}$ 25 $\pm 5^\circ\text{C}$ |
| 4.3. Warm-up time | $\leq 5\text{min}$ |

5. Phase Noise (Typical)

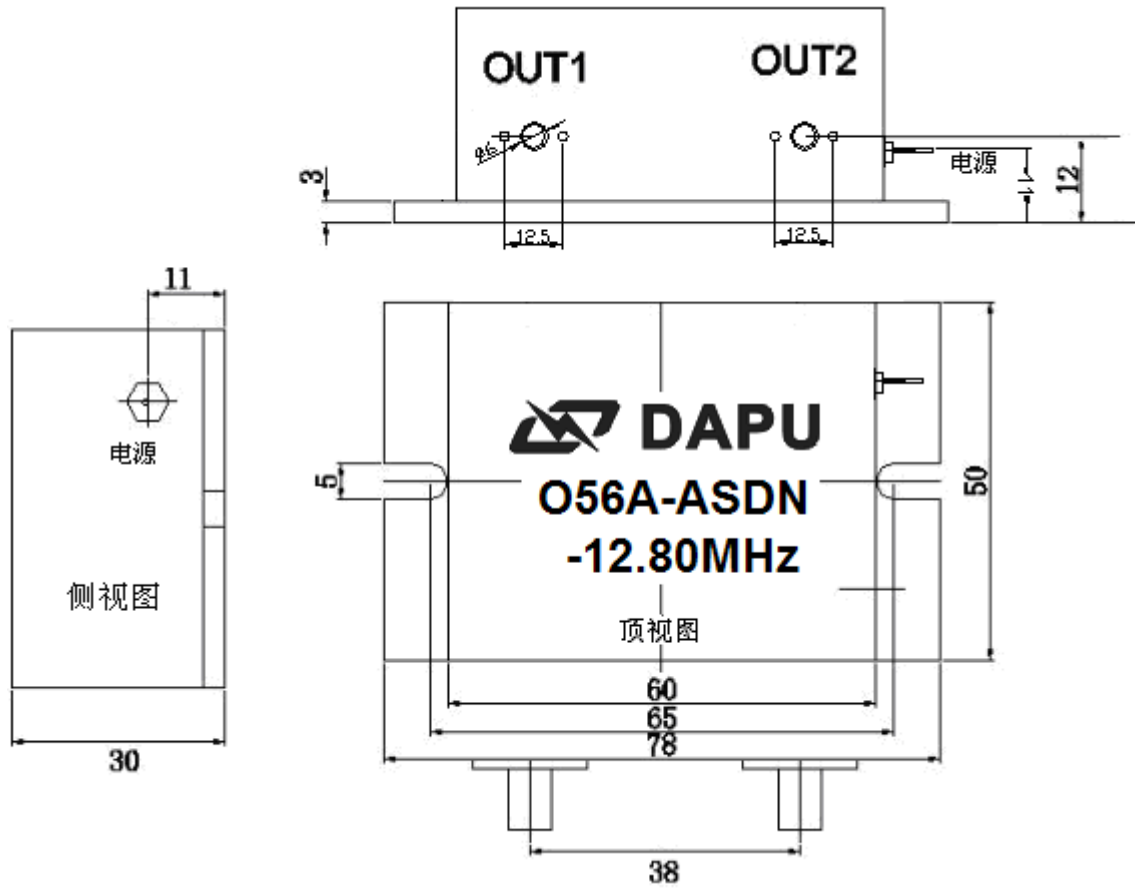
- | | |
|-----------|------------|
| 5.1. 1KHz | -150dBc/Hz |
|-----------|------------|

6. Environmental conditions

- | | |
|---------------------------------|---|
| 6.1. Operable temperature range | -25°C to +70°C |
| 6.2. Storage temperature range | -40°C to +85°C |
| 6.3. Save | Recommend keep it on 30°C, 70%RH (humidity) |



7. Mechanical



Note: The bottom view means that the stitches are against the people

Unit : mm