



NEOS TECHNOLOGIES

A Gooch & Housego Company

MODEL NUMBER:

21080-2DM

SPECIFICATIONS

Document Number: **56A17024**

The 21080-2DM OEM Module Is A RF Driver With Digital Modulation Input And Two Watt Output Into A 50 Ohm Load.

PARAMETER:

Output Frequency:
Spurious Levels:
Harmonic Distortion:
Digital Input:

Extinction Ratio:
RF Rise

Fall Time

RF Output Power:

Output Impedance:
Supply Voltage:
Supply Current:

MAXIMUM RATINGS:

Supply Voltage:
Power Output:
Case Temperature:

CONNECTORS & MECHANICAL:

RF Output Connector:
Modulation Input Connector:
Power Supply Connections:

Physical Size:

RELATED DOCUMENTS:

Outline Drawing: 53B2384
Operating Manual: 51A14095

Vcc
Return

Acceptance Test Procedure:
Acceptance Test Results Form:

SPECIFICATION:

80.000 MHz \pm 0.01% Quartz Stabilized
-50 dBc Maximum
-15 dBc Maximum
TTL Levels
TTL HIGH = Full RF Power
TTL LOW = Minimum RF Power

50 dB Minimum
20 ns Maximum
P_{RF}: 10 to 90 %

20 ns Maximum
P_{RF}: 90 to 10 %

2 Watts Nominal
Adjustable
Factory Set for Optimum Performance
When Paired with a NEOS AO Device.

50 Ohms Nominal
+ 24 VDC \pm 0.5 Volt
1 Amp Maximum

+ 28 Volts
No DC Feedback Allowed
+ 55⁰ C
The Driver Must Be Attached to an
Adequate Heatsink.

BNC Female

BNC Female

Solder Post
Ground Lug

4.8" L x 1.61" H x 3.87" W

42A17005

52A17044

For More Information, Contact: neos@neostech.com Ph. (321) 242-7818 Fax (321) 242-1019