

# ATTENUATOR

## FLANGE MOUNT 400 WATT

DATA SHEET

PART SERIES: 33A105030.00F

SHEET 1 OF 2  
Doc 1016495ECO-072625  
Revision A

### FEATURES

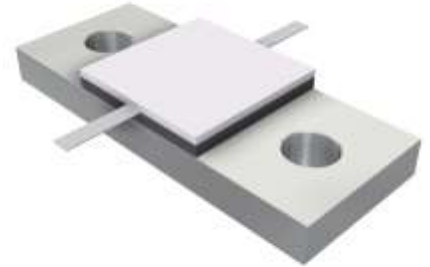
Tab Launch  
High Power  
Integrated Heat Sink  
Low VSWR  
Easy Installation

### APPLICATIONS

Mobile Networks  
Broadcast  
High Power Amplifiers  
Isolators  
Military  
Instrumentation

### GENERAL DESCRIPTION

Smiths Interconnect offers the widest selection of flange mount attenuators worldwide. High power flange components offer excellent performance and the convenience of bolt on installation.



### ORDERING INFORMATION

Part Identifier: **33A105030.00F**

### SPECIFICATIONS

#### 1.0 ELECTRICAL

Nominal Impedance:	50 $\Omega$
Frequency Range:	DC - 1.0 GHz
Attenuation Values Available:	30 dB
Attenuation Accuracy:	30 dB
Input Power CW:	400 watts @ 100°C heat sink, derated linearly to zero power at 150°C
Peak Power:	4000 watts (based on 10 $\mu$ s pulse width and 1% duty cycle)
VSWR:	1.3:1 Max

#### 2.0 ENVIRONMENTAL

Operating Temperature:	-55°C to +150°C
Non-operating Temperature:	-65°C to +150°C
Temperature Coefficient:	+/-200 PPM / °C max

#### 3.0 MARKING

Unit Marking: In/Out, Logo, and Part Number; legibility and permanency per MIL-STD-130

#### 4.0 QUALITY ASSURANCE

Sample Inspect Per MIL-STD-105, Level II, 1.0% AQL.

Visual and Mechanical Examination for Conformance to Outline Drawing Requirements.

Measure Attenuation and VSWR

Data Retention – Standard

#### 5.0 PACKAGING

Standard Packaging: Tray

