

NEW

M/A-COM INC/ ANZAC DIV

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**MODEL
4010-15M****MICROWAVE PIN DIODE SPST
SWITCH DRIVER**

Reverse Voltage Protection
30 MHz Repetition Rate
TTL Control Port Protection
Test Port Short Circuit Protection

Guaranteed Specifications*

(From -54°C to +85°C)

Output Current	±10 mA Min
Peak Output Current	±200 mA Min
Open Circuit Output Voltage	±3.5 Vdc Min
Internal Current Drain	+18 mA Max - 6 mA Max
Repetition Rate	30 MHz Max

Operating Characteristics**Switching Characteristics****

T_{on}	8 nsec Max
T_{off}	7 nsec Max

Mode Control

Logic "1"	Driver Non-Inverting
Logic "0"	Driver Inverting

TTL Control Port

1 Unit Load Max

Operating Voltage

+5 Vdc @18 mA
-5 to -15 Vdc @ 6 mA

Package Type***

Module (FP-33)

(See page 479 for dimensions.)

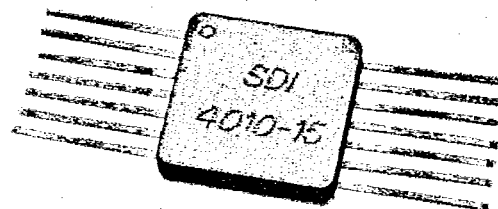
Environmental

All units are designed to meet the environmental and screening requirements of Table 1B, page 497 of this catalog.

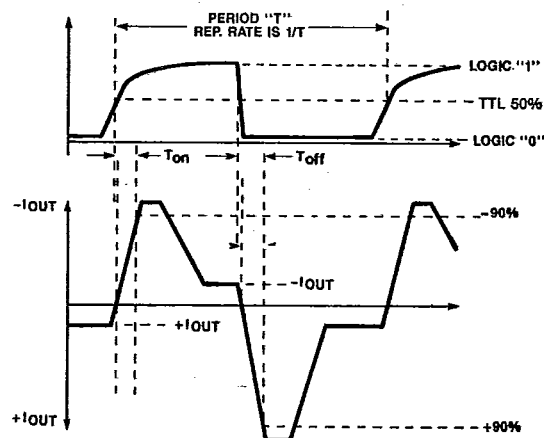
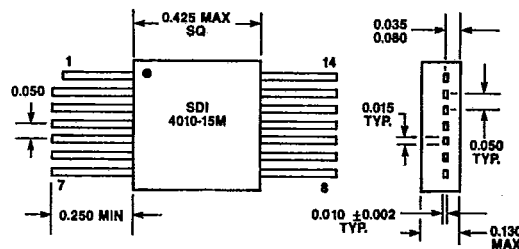
*Measured at a 1 MHz repetition rate into a 10 Ohm resistive load.

**Measured at 1 MHz Rep rate into opposite polarity in 4148 diodes.

***Hermetic



T-52-13-90

Output Waveform**Pin Configuration****PIN IDENTIFICATION**

1 -5V TO -15V	8-10 N.C.
2 OUTPUT	11 TEST POINT
3 GROUND	12-14 N.C.
4 N.C.	
5 TTL - INPUT	
6 MODE CONTROL	
7 Vcc (+5V)	

NOTES:

- INDICATES NO SILVER OVERLAY
- MODE CONTROL "1"
DRIVER IS NON-INVERTING
- MODE CONTROL "0"
DRIVER IS INVERTING
- INDICATES UNSCREENED UNIT

Ordering Information

Model No.	Connectors	Unit Price (1-9 Units)
4010-15M	PIN	\$89

Delivery is from stock.

**Make the Connection...**

11 Executive Park Drive, Billerica, MA 01862 Fax (508) 667-4156

Adams Russell
COMPONENTS GROUP

For Technical Information, Call (508) 667-7700

For Ordering Information, Call (617) 273-3333

DIMENSIONS IN () ARE IN MM.

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