

# Signetics

## Memories—MOS RAMS

### 2112—1024 Bit Static MOS RAM (256 x 4)

#### GENERAL DESCRIPTION

The 2112 series is high performance, low power static read/write RAMs.

The 2112 series is fabricated with n-channel silicon gate technology which allows the design of high performance easy to use MOS circuits and provides a high functional density on a given monolithic chip.

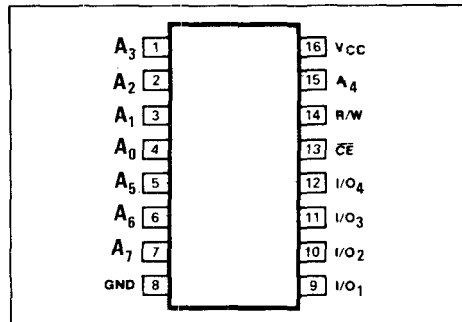
#### FEATURES

- Fully static
- No refresh operations, sense amps or clocks required
- Directly TTL compatible
- One 5V power supply

#### MAXIMUM RATINGS

PARAMETER	RATING	UNIT
$T_A$	Temperature range	$^{\circ}\text{C}$
$T_{STG}$	Operating under bias	0 to 70
	Storage	-65 to 150
	Voltage on any pin with respect to ground	-0.5 to 7 V
$P_D$	Power dissipation	1 W

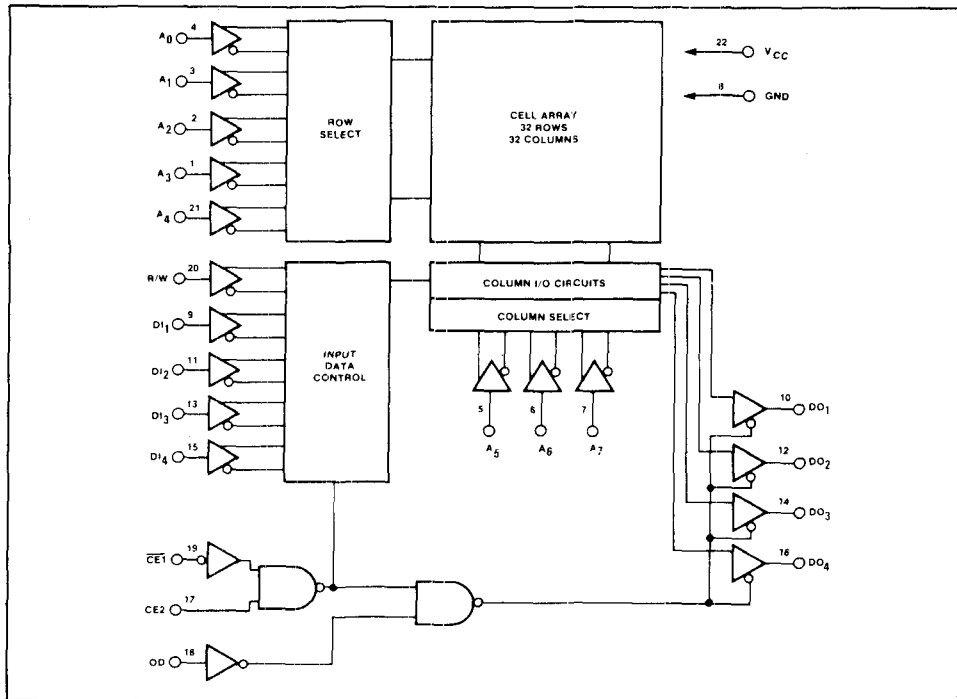
#### CONNECTION DIAGRAM



#### REFERENCE TABLE

TYPE NO.	STOCK NO.	OUTLINE DRWG. NO.
2112N	56365E	2

#### BLOCK DIAGRAM



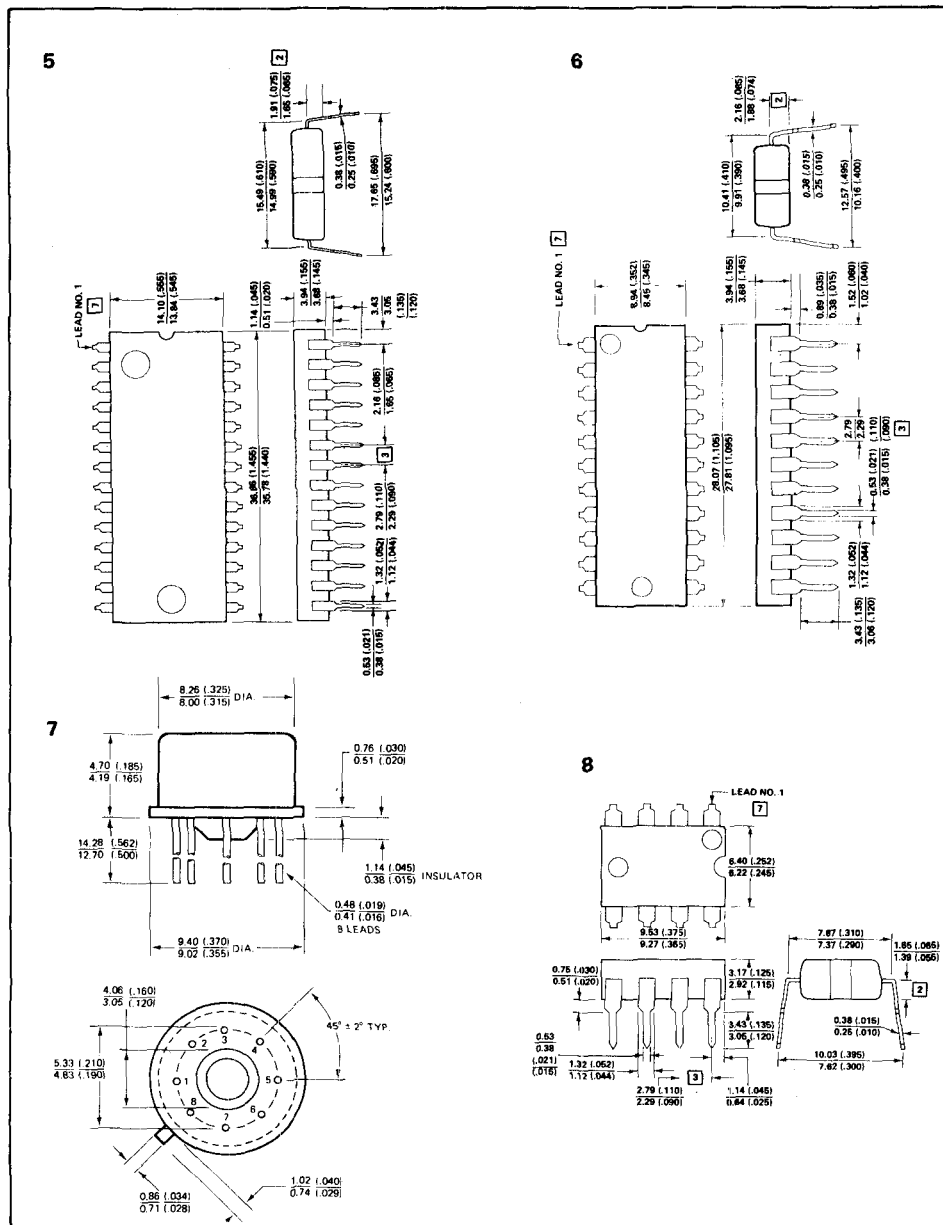
**LIT GEMINI**

FOR CURRENT PRICES PHONE  
HARLOW (0279) 29644



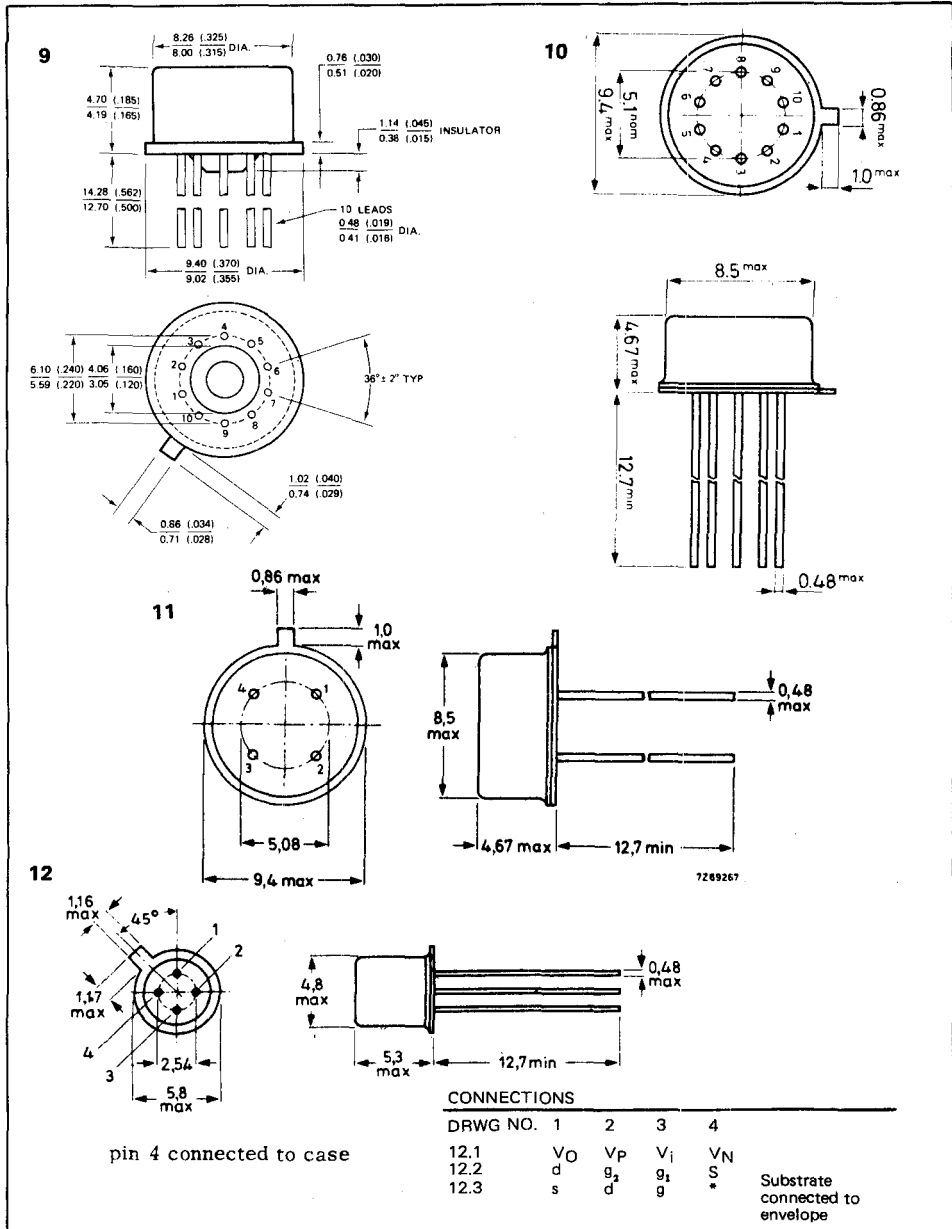
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## Outline Drawings



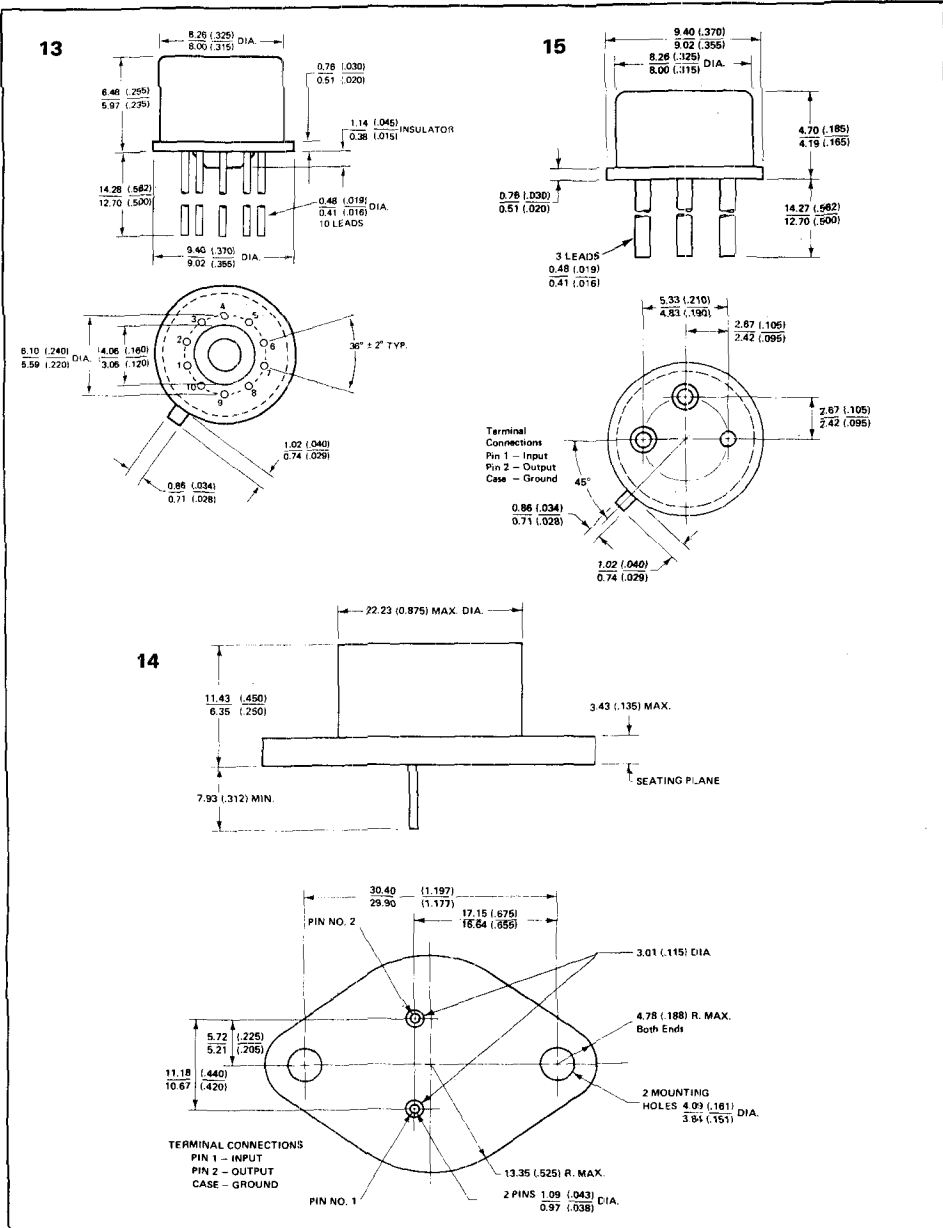
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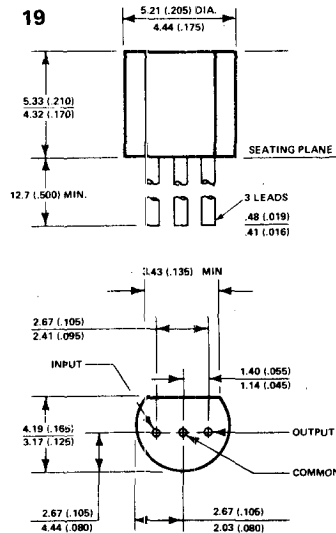
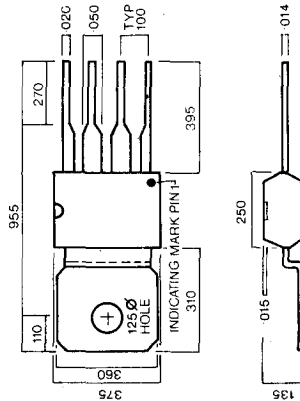
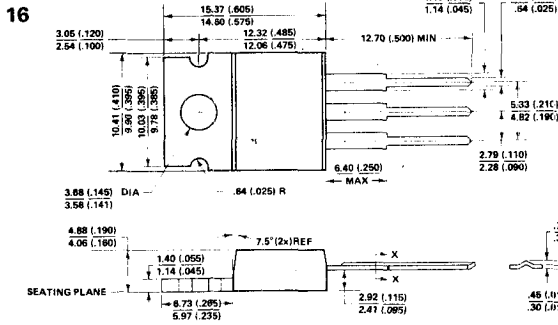
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PLEASE QUOTE STOCK NO.  
AND MANUFACTURERS PART NO. WHEN ORDERING

**ITT GEMINI**

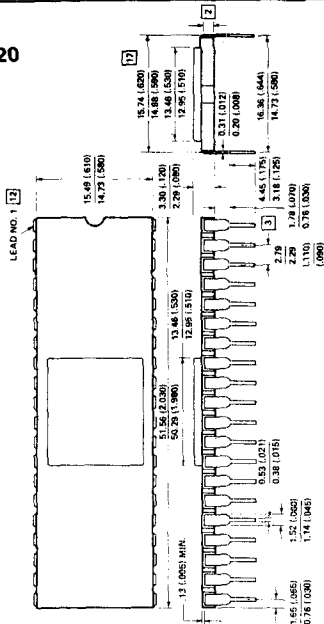




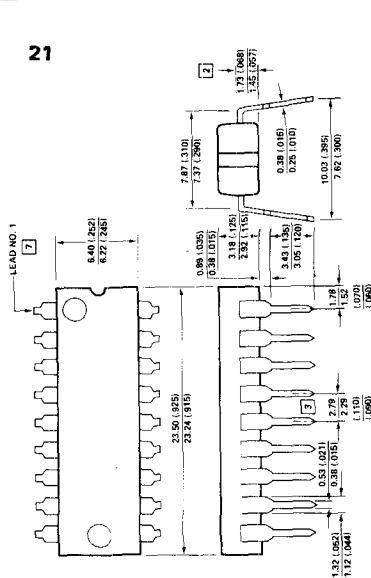
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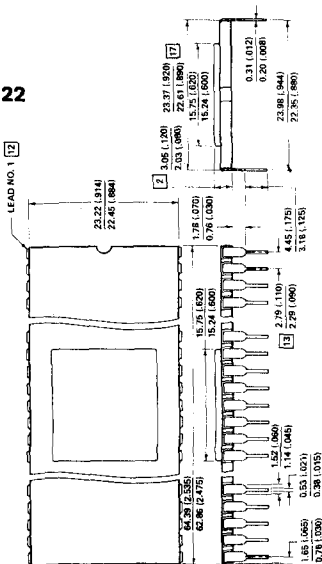
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