

Signetics

Interface — Line Driver

MC1488 -- Quad Line Driver

CONNECTION DIAGRAM

GENERAL DESCRIPTION

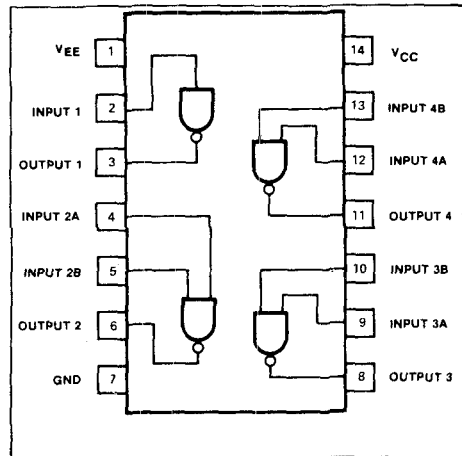
The MC1488 is a quad line driver which converts standard DTL/TTL input logic levels through one stage of inversion to output levels which meet EIA Standard No. RS-232C and CCITT Recommendation V.24.

FEATURES

- Current limited output: $\pm 10\text{mA}$ Typ
- Power-off source impedance: 300Ω Min
- Simple slew rate control with external capacitor
- Flexible operating supply range
- Inputs are DTL/TTL compatible

MAXIMUM RATINGS

PARAMETER	RATING	UNIT
Supply voltage V_{+}	+15	V
V_{-}	-15	V
Input voltage (V_{IN})	$-15 \leq V_{IN} \leq 7.0$	V
Output voltage	± 15	V
Power dissipation:		
F package	1000	mW
N package	800	mW
Operating temperature range	0 to +75	$^{\circ}\text{C}$
Storage temperature range	-65 to +150	$^{\circ}\text{C}$
Lead temperature (soldering, 10sec)	300	$^{\circ}\text{C}$

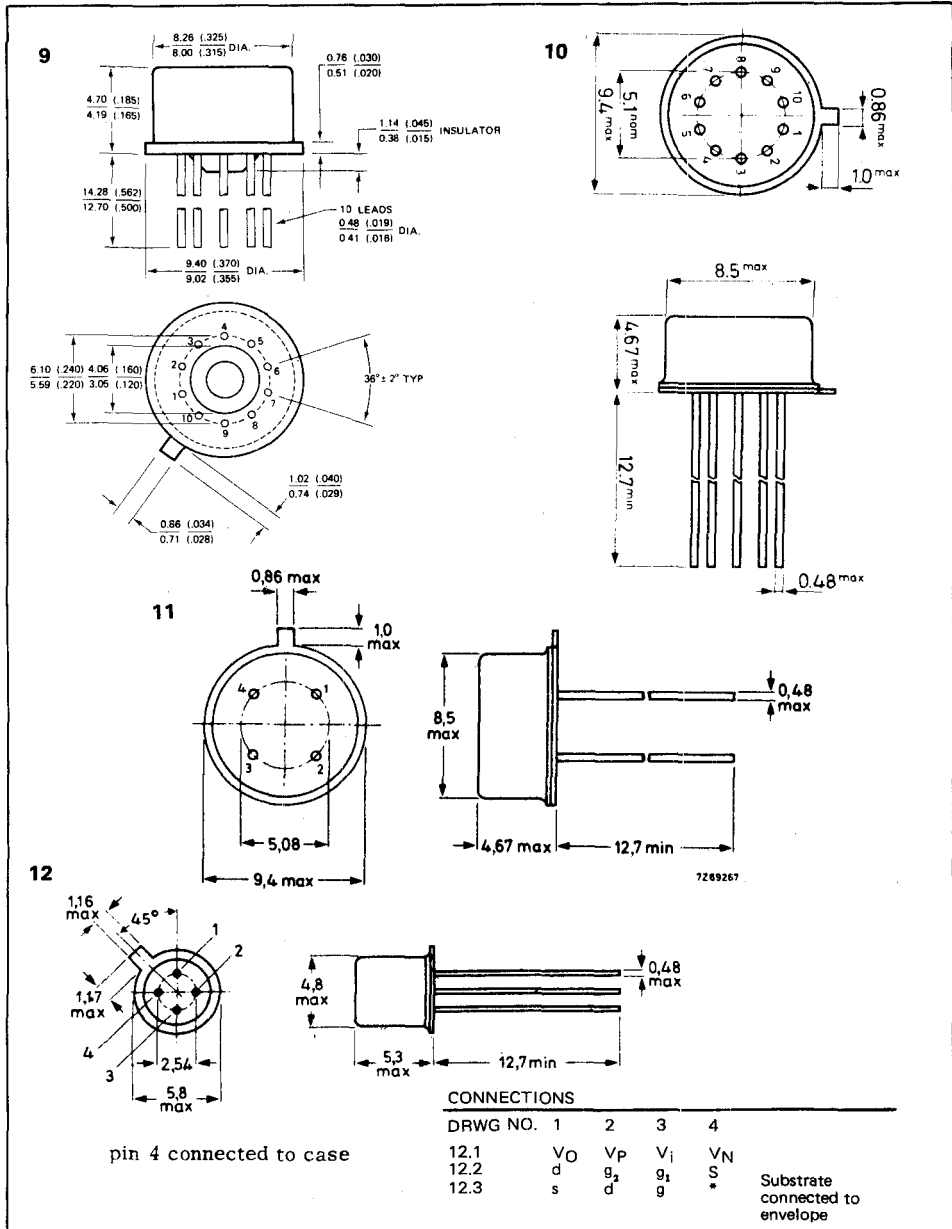


REFERENCE TABLE

TYPE NO.	STOCK NO.	OUTLINE DRWG. NO.
MC1488N	55845X	1

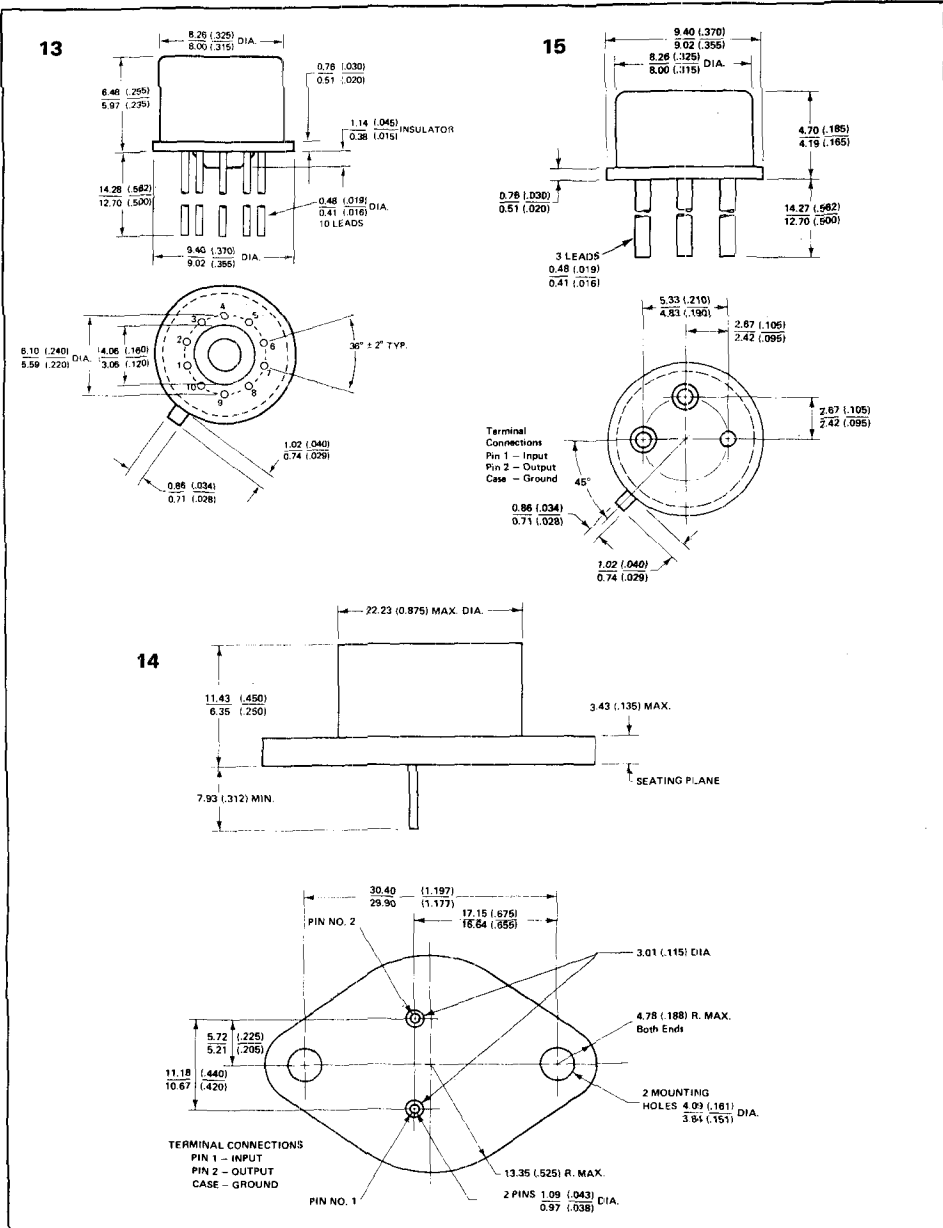
Outline Drawings

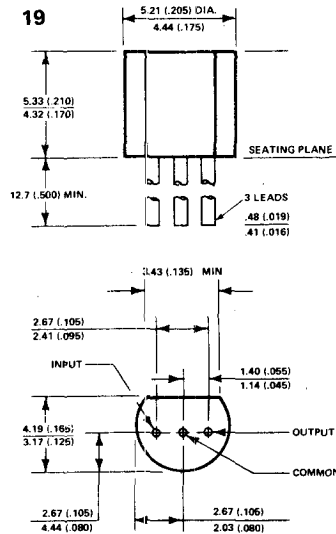
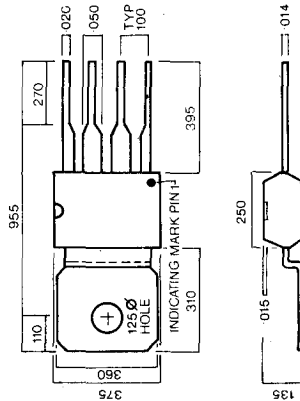
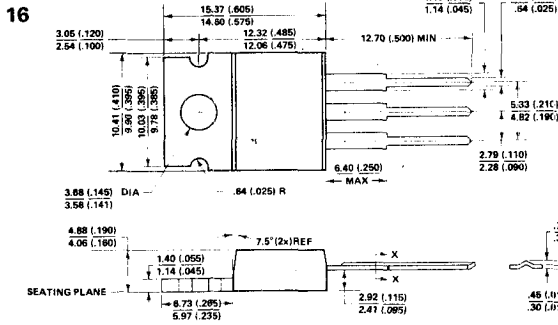




PLEASE QUOTE STOCK NO.
AND MANUFACTURERS PART NO. WHEN ORDERING

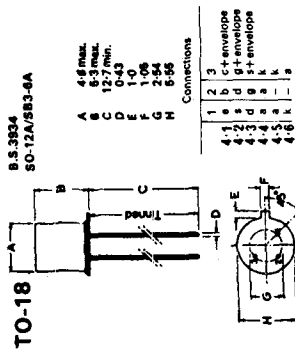
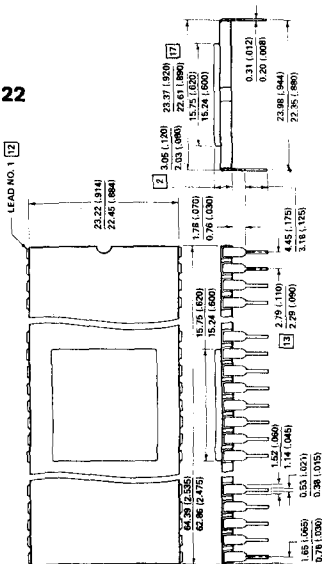
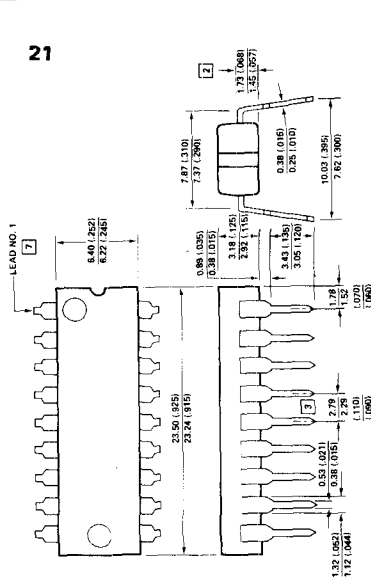
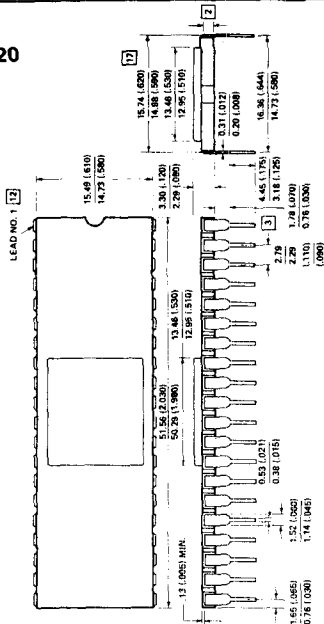
ITT GEMINI





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

ITT GEMINI



B.S. 3934
E.O. 12812/SB3-9A

TO-18

A	4.8 max.
B	5.3 max.
C	12.7 min.
D	0.43
E	1.0
F	1.06
G	2.54
H	5.55

	1	2	3	Connections
4.1	e	b	c+env	
4.2	s	d	g+env	
4.3	d	g	s+env	
4.4	a	a	k	
4.5	a	-	k	
4.6	k	-	a	

