

**REL-LABS INC.***Hybrid Microelectronic Manufacturing*

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RL480**DESCRIPTION: DUAL LINE DRIVER**

Dual Line Driver that converts TTL logic signals to 28V logic levels for driving relays and other high voltage currents. Available in TO-8 and flatpack style. RL-480 is available for use over military temp range. Pin for pin replacement for obsolete Amelco parts.

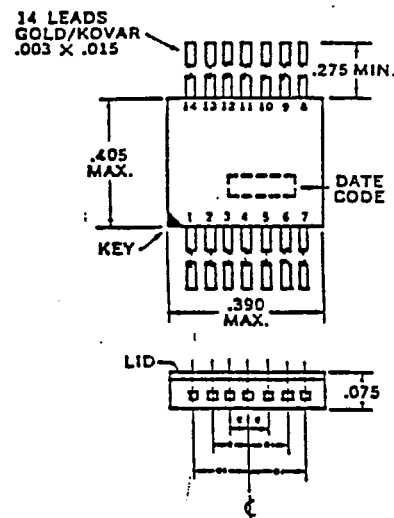
ABSOLUTE MAXIMUM RATINGS

MAXIMUM LOGIC INPUT VOLTAGE +6.0V
MAXIMUM NEGATIVE INPUT VOLTAGE -0.3V
OPERATING TEMPERATURE RANGE -55°C to +100°C
STORAGE TEMPERATURE RANGE -65°C to +150°C
OPERATING VOLTAGES

VOLTAGE	TOLERANCE
+5.0V	±0.25V
+7.3V	±0.6V
+28.0V	+2.0V - 6.0V

MAXIMUM POWER SUPPLY CURRENTS

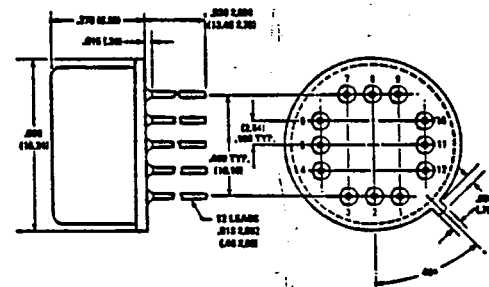
VOLTAGE	CURRENT
+5.0V ±1%	0
+7.3V ±1%	12
+28.0V ±1%	4

OUTLINE DIAGRAM

SYMBOL	MIN.	MAX.
⌀	.045	.055
⌀1	.095	.105
⌀2	.145	.155

PIN ASSIGNMENT

PIN NUMBER	SIGNAL LOGIC SYMBOL
1 (1)	A
2 (2)	B
3 (3)	+7.3V
4 (4)	+5.0V
5 (5)	GND
6 (6)	C
7 (7)	D
8 (8)	+28V
9 -	- -
10 (10)	CO
11 -	- -
12 (11)	AO
13 -	- -
14 (12)	+28V

TO-8 (12 LEAD)**Notes**

1. All parts shall be marked with vendor p/n, s/n, code ident and pin 1 ident.
2. When ordering parts specify package style as follows:

Part No.	Pkg Style
RL480-F	14 lead Flatpack
RL480-H	TO-8 12 Pin