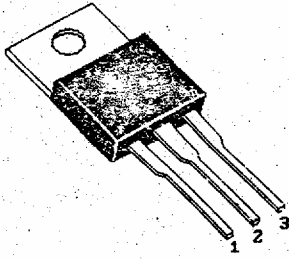
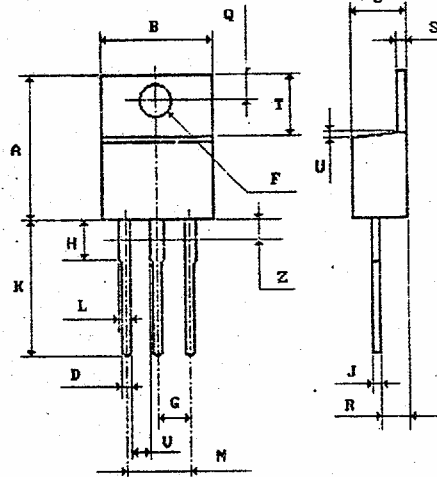


L A B E L

7805C
3-TERMINAL POSITIVE VOLTAGE REGULATOR



- 1 - INPUT
- 2 - COMMON
- 3 - OUTPUT



DIM	MILLIMETERS	
	MIN	MAX
A	14.48	15.75
B	9.66	10.28
C	4.07	4.62
D	0.64	0.88
F	3.61	3.73
G	2.42	2.66
H	2.80	3.93
J	8.46	8.71
K	12.70	14.27
L	1.15	1.52
N	4.83	5.33
Q	2.54	3.04
R	2.04	2.79
S	1.15	1.39
T	5.97	6.47
U	0.00	1.27
V	1.15	-
Z	-	2.04

ABSOLUTE MAXIMUM RATINGS

Case T0-220

Input Voltage
Internal Power Dissipation
Operating Junction Temperature Range

35 V
Internally Limited
0°C to +150°C

ELECTRICAL CHARACTERISTICS: $V_{IN}=10V$, $I_{OUT}=500mA$, $T_J=25^\circ C$, $C_{IN}=0.33\mu F$,
 $C_{OUT}=0.1\mu F$, unless otherwise specified

CHARACTERISTICS	CONDITIONS	Min	Typ	Max	Units
Output Voltage		4.8	5.0	5.2	V
Line Regulation	$7.0V < V_{IN} < 25V$	-	-	100	mV
	$8.0V < V_{IN} < 12V$	-	-	50	mV
Load Regulation	$5.0mA < I_{OUT} < 1.5A$	-	-	100	mV
	$250mA < I_{OUT} < 750mA$	-	-	50	mV
Quiescent Current		-	-	8.0	mA
Dropout Voltage	$I_{OUT}=1.0A$	-	2.0	-	V
Peak Output Current		-	2.2	-	A

SIGN of CONTROL

