.395 max
Square

.068
.082

.20 min
typ 13 pls

Impellimax

PNPNPN — Part
Number

DCDC — Date
Code

XXX — Serial
Number

Preferred
Thermal
Interface

Index —

.170 min

.395 max

.115 max

.016
typ 14 pls

.005 typ

.050
typ 12 pls

Package Code 2

		Revisions			**Impellimax**		
Tolerances Except as Noted .x = +/- .05 .xx = +/- .01 .xxx = +/- .005 **Dimensions in inches**	**A**	ECO 877	10/3/89	P.C.	**OUTLINE**		
	B	ECO 1553	9/15/94	P.C.			
	C	ECO 2133	2/15/01	P.C.			Sheet 1 of 2
Information herein is believed accurate. Suitability not guaranteed.					Drawn By: J.P.	8/16/88	Drawing #
					DRF: -	Approved: P. C.	GS1-50

PIN	CONNECTION	PIN	CONNECTION
1	VEE	14	N C
2	Inv Output	13	N C
3	Ground	12	R set
4	Input	11	N C
5	N C	10	- V internal
6	NI Output	9	N C
7	+ 5 V	8	N C

Notes:

1) **Input can be driven by TTL logic.**

2) **With logic hi applied, inverting output switches to negative output while noninverting output switches to near ground. Outputs reverse states for logic low input.**

3) **Switching speed (open circuit) is 30 nsec typical.**

4) **Unit contains internal .01 bypass caps on supplies.**

5) **- V can be in the range of - 5 to - 12 Volts (A Code) or - 5 to - 15 Volts (B Code). Connect Rset, in the range of 220 ohms to 4.7K typical, between Rset pin and Vee to set output negative amplitude for optimal GaAs switching voltage. If negative supply is - 5V, connect to - V internal.**