

FO-55II2-C	4			3		\downarrow			
	CHARACTERISTICS ARE AT Vs=3.0 TO 24.0 VOLTS WITH 20 mA LOAD WITH 👍 🛆 TA=-40°C TO +150°C UNLESS OTHERWISE NOTED								
D	PARAMETER	CONDITIONS	MIN	ТҮР	MAX	UNITS			
	SUPPLY VOLTAGE	-40°C TO 125°C	3.0		24.0	- VOLTS			
		I 50°C	3.0		12.0				
	SUPPLY CURRENT	VSUPPLY=5V AT 25°C		4.0	6.0	mA			
		VSUPPLY=3V AT 25°C		3.5	5.0				
					8.0				
	OUTPUT CURRENT				20.0	mA			
	V s a t	GAUSS > 120			0.4	VOLTS			
	OUTPUT LEAKAGE	GAUSS < -120			10.0	μA			
	RISE TIME	2 5° C			Ι.5	μS			
	FALL TIME	2 5° C			Ι.5	μS			
	THERMAL RESISTANCE Røja	SINGLE LAYER, SINGLE SIDED PCB		303		°C/W			
C	OPERATE		5	50	120	GAUSS			

ABSOLUTE MAXIMUM RATINGS 🖄

RELEASE

DIFFERENTIAL

OPERATING TEMP

STORAGE TEMP

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В

А

PARAMETER	CONDITIONS	MIN	ТҮР	MAX	UNITS
SUPPLY VOLTAGE		-28.0		28.0	VOLTS
APPLIED OUTPUT VOLTAGE		-0.5		28.0	VOLTS
OUTPUT CURRENT				20.0	mА
MAGNETIC FLUX				NO LIMIT	GAUSS

- | 20

50

- 40

- 40

- 50

| 0 0

3

- 5

170

+ | 50

+ | 50

GAUSS

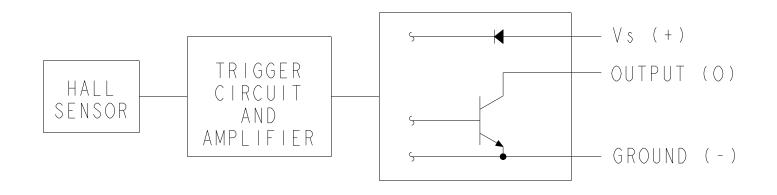
GAUSS

°C

°C

4

BLOCK DIAGRAM CURRENT SINKING OUTPUT



4

