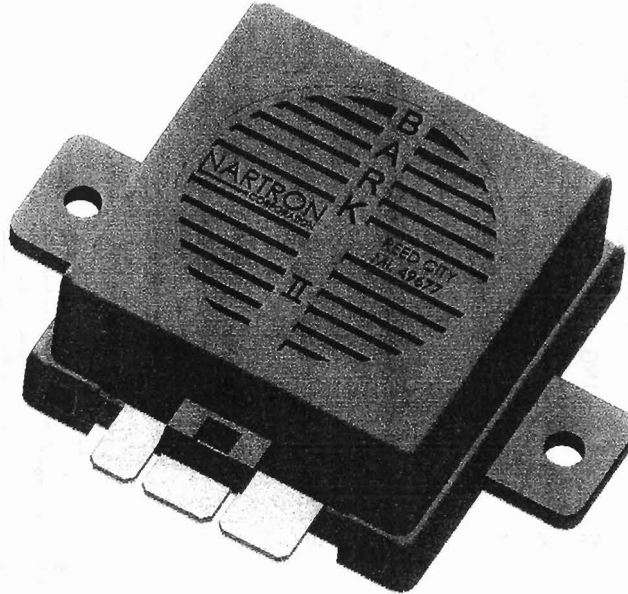


BARK® II

100% Solid State Audible Alarm System by NARTRON



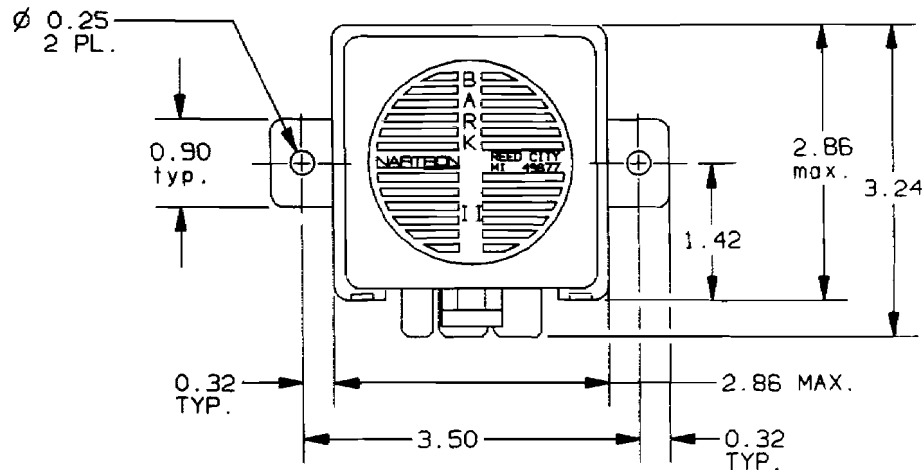
The Nartron BARK II Alarm is a multiple-input solid state module that monitors up to six individual senders for warning and indicator functions. It is the ideal product to alert a vehicle operator of conditions such as low oil, high temperature, low coolant, low air pressure, door open, park brake activation, brake failure, and any number of related applications.

Designed for extremely long life and consistent performance, the BARK II has no moving parts to break or wear out. It is also transient and reverse polarity protected, and because of its 100% solid state design, the BARK II generates virtually no RFI or power line noise to upset other vehicle electronics. Its high impact plastic housing can be mounted on any flat surface.

BARK II is available in two basic versions. The 1890-8 provides five different frequency outputs from a "tone generating speaker" (1900Hz, 1500Hz, 1100Hz, 700Hz and 500Hz). The 1890-10 and -10B provide a piercing 2900Hz frequency signal from a solid state source. A mating connector/harness assembly is also available.

Nartron Corporation 5000 North US 131 Reed City, MI 49677 231-832-5525

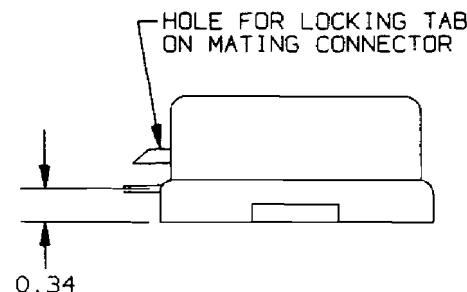
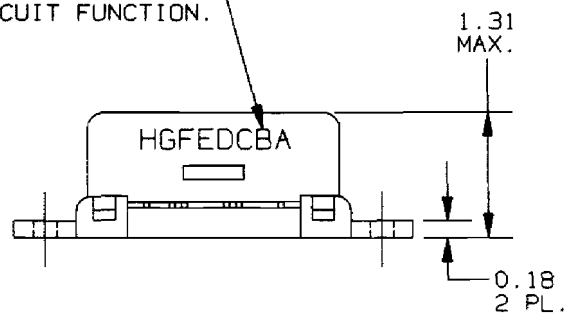
REV	DATE	BY	DESCRIPTION
A			RELEASED



NOTES:

- MATING CONNECTOR/HARNESS ASSEMBLY
PART NO. 1090860
- ALL UNITS WILL WITHSTAND AN OVERLOAD OF
24 VDC WITHOUT DAMAGE.
- FOR NEGATIVE GROUND SYSTEMS ONLY.
- HOUSING AND COVER: ABS-KJB OR EQUIVALENT, BLACK.
- OPERATING TEMPERATURE: -40°C TO $+85^{\circ}\text{C}$.
- REVERSE POLARITY AND TRANSIENT PROTECTED.
- SOUND LEVEL AT 14VDC: -8 = 85 ± 10 DBA @ 24 IN.
(FREQUENCY DEPENDENT)
-10 = 85 DBA @ 10 CM.
-10B = 85DBA @ 36 IN.
- 1890-8 PROVIDES FIVE DIFFERENT FREQUENCY OUTPUTS:
450HZ, 700HZ, 1100HZ, 1500HZ, AND 1900HZ.
- 1890-10 AND -10B PROVIDE A SINGLE 2800HZ OUTPUT FREQUENCY

LETTERS MARKED ON HOUSING
IDENTIFY CIRCUIT FUNCTION.
SEE CHART.



PART NO.	BATTERY VOLTAGE		INPUTS (TURN ON VOLTAGE)					
	H	G	F	E	D	C	B	A
1890-8	NEGATIVE GROUND	10 TO 15	9 TO 15	9 TO 15	9 TO 15	9 TO 15	9 TO 15	1.5 TO 0
1890-10	NEGATIVE GROUND	10 TO 15	1.5 TO 0	9 TO 15	1.5 TO 0	9 TO 15	9 TO 15	9 TO 15
1890-10B	NEGATIVE GROUND	10 TO 15	1.5 TO 0	9 TO 15	1.5 TO 0	9 TO 15	9 TO 15	9 TO 15

DRAWN	DATE	REQ'D	ITEM	PART NO.	DESCRIPTION
		DO NOT SCALE		LIST OF MATERIALS	
CHECKED	DATE	DIMENSIONS ARE IN INCHES		 NARTRON CORPORATION CORPORATION	REED CITY, MI 49677 DIVISION
APPROVED	DATE	TOLERANCE UNLESS OTHERWISE SPECIFIED			
MATERIAL		2 PLACE DECIMALS ±0.01		NAME	MULTI-TONE ALARM BARK II
		3 PLACE DECIMALS ±0.005			
NEXT ASSEMBLY		ANGLES ±1/2°		SCALE NTS	NO 1890
		THDS. INT 2B EXT 2A		SHEET 1 OF 1	

BARK is a registered trademark of Nartron Corporation