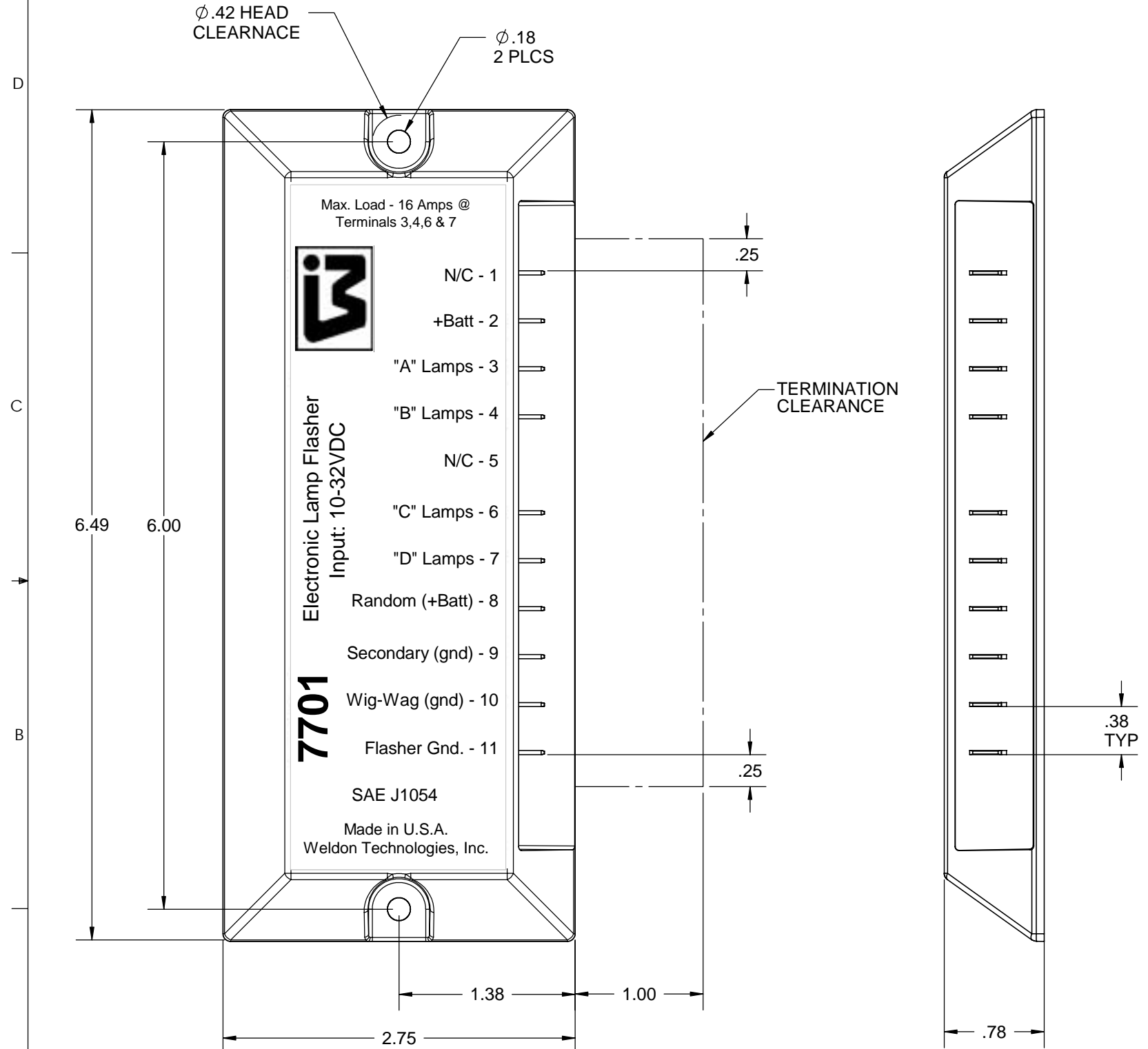


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| REVISIONS | | | | | |
|-----------|-------|---|----------|----|------|
| REV. | ECN | DESCRIPTION | DATE | BY | APVD |
| A | R0363 | RELEASE FOR REFERENCE | 7/30/02 | ST | ST |
| C | 0431 | CHANGED TO REFLECT 10-32VDC OPERATION; SOFTWARE CHANGED TO PROVIDE QUAD-FLASH PATTERN WHEN PWR IS APPLIED TO PIN 2 AND PIN 11; USED "C" REV TO MATCH CURRENT PRODUCTION REVISION. | 10/30/03 | TS | ST |



- NOTES:**
- ALL DIMENSIONS ARE FOR REFERENCE ONLY.
 - OPERATING VOLTAGE RANGE: 10 - 32 VDC
 - OPERATING TEMPERATURE: -40 TO +55 C
 - INPUT THRESHOLDS (REF TO PIN 11):
PIN 8 = >+7V
PINS 9 & 10 = <+0.5V

- INSTALLATION:**
- THIS IS A HIGH-SIDE LAMP DRIVER (SOURCES + VOLTAGE). CONNECT ONE SIDE OF LAMP LOADS TO THE DESIRED OUTPUT CHANNEL (PINS 3,4,6,7) AND THE OTHER SIDE TO GROUND.
 - IT IS REQUIRED THAT THE +BATT INPUT POWER TO THE FLASHER BE FUSED AT A LEVEL THAT WILL PROTECT THE WIRING TO THE FLASHER IN THE EVENT OF A SHORT ON THAT LINE.
 - MOUNT TO A FLAT, SECURE SURFACE. DO NOT USE THE TERMINALS/CONNECTIONS TO SUPPORT HARNESS OR FLASHER.
 - THIS FLASHER INCORPORATES RAPID FLASH PATTERNS WHICH MAY NOT BE SUITABLE FOR HALOGEN WARNING LAMPS. USE WITH LED LAMPS ONLY.

- OPERATION:**
- CONNECT PIN 11 OF THE FLASHER TO GROUND. ALTHOUGH THE FLASHER MAY OPERATE WITHOUT A GOOD GROUND, IT IS REQUIRED TO PROVIDE PROPER FUNCTIONALITY.
 - THE OUTPUT PINS ARE 3, 4, 6, AND 7 LABELED A, B, C, AND D RESPECTIVELY. CONNECT LAMP LOADS TO THESE PINS.
 - CONNECT PIN 2 TO SWITCHED VEHICLE +BATT POWER. THIS CIRCUIT MUST BE FUSED. APPLYING POWER AND GROUND WILL START AN ALTERNATING QUAD-PLUSE FLASH PATTERN ON THE OUTPUT CHANNELS (A&B ALTERNATE WITH C&D).
 - THE PIN 5 TERMINAL IS REMOVED ON THIS PRODUCT AND HAS NO FUNCTION.
 - APPLY +BATT TO PIN 8 (RANDOM) TO CAUSE ALL FOUR CHANNELS TO FLASH RADOMLY THROUGH SEVERAL DIFFERENT PATTERNS. +BATT AND GROUND MUST BE APPLIED.
 - APPLY GROUND TO PIN 9 TO SHUT DOWN THE "D" CHANNEL (PIN 7). THIS IS REFERED TO AS SECONDARY MODE AND CAN BE USED TO SHUT DOWN ACCESS LAMPS IF REQUIRED BY NFPA OR SIMILAR STANDARDS.
 - APPLY GROUND TO PIN 10 TO FORCE THE FLASHER INTO A STEADY FLASH PATTERN (WIG-WAG). CHANNELS A & B WILL FLASH ALTERNATELY WITH C & D.

| | | | | |
|--|---|---------|----------------------------------|---------------------------------------|
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: X.XXX - ±0.005 X.XX - ±0.020 X.X - ±0.050 ANGLES - ±0.5° | CAD GENERATED DRAWING. DO NOT MANUALLY UPDATE | | WELDON TECHNOLOGIES, INC. | |
| | APPROVALS | DATE | | |
| | DRAWN | ST | 7/16 | 2002 |
| | CHECKED | ST | 7/17 | 2002 |
| MATERIAL | QUAL ENG | | | |
| FINISH | MFG ENG | | | |
| DO NOT SCALE DRAWING | PROJ. NO. | 00116-2 | SCALE: 1:1 | WELDON COMPUTER GRAPHICS SHEET 1 OF 1 |

4-Channel LED Warning Lamp Flasher
Customer Drawing

SIZE B PART NO. **C 7701-0000-00** REV. **C**