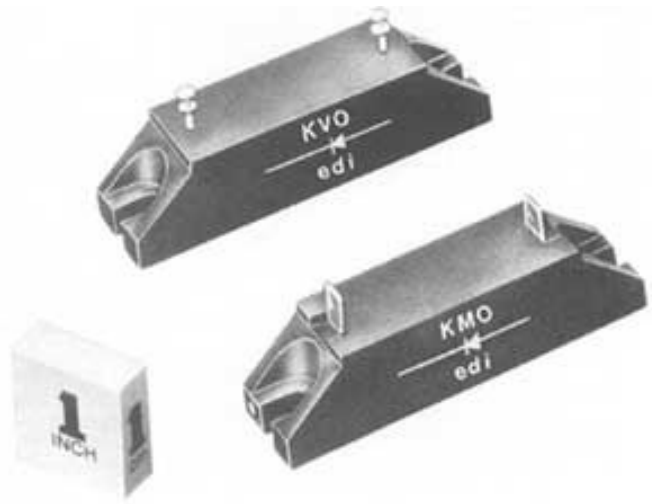




KMO KVO

HIGH VOLTAGE RECTIFIER ASSEMBLIES

- QUICK DISCONNECT TAB OR TURRET TYPE TERMINALS
- UNIVERSAL MOUNTING
- PRV 5,000 TO 15,000 VOLTS
- AVERAGE CURRENT TO 1 AMP



| EDI Type No. | Peak Reverse Voltage PRV (Volts) | Max. Fwd. Volt. 25°C $I_F = 500 \text{ mA}$ V_F (Volts) | Avg. Rectified Current @ $T_c = 50^\circ\text{C}$ I_o (Amps) |
|----------------|----------------------------------|---|---|
| KMO5 or KVO5 | 5,000 | 8 | 1.00 |
| KMO8 or KVO8 | 8,000 | 11 | 1.00 |
| KMO10 or KVO10 | 10,000 | 13 | 0.80 |
| KMO12 or KVO12 | 12,000 | 15 | 0.80 |
| KMO15 or KVO15 | 15,000 | 18 | 0.60 |

ELECTRICAL CHARACTERISTICS (at $T_A = 25^\circ\text{C}$ Unless Otherwise Specified)

| | |
|---|-------------------|
| Max. Peak One Cycle Surge (8.3 ms) I_{FSM} | 50 A |
| Max. DC Reverse Current @ PRV, I_R | 1 μA |
| Max. DC Reverse Current @ PRV and 100 °C, I_R | 100 μA |
| Operating Temperature Range, T_A , (Fig. 1) | -55 °C to +150 °C |
| Storage Temperature Range, T_{STG} | -55 °C to +150 °C |

- NOTE: 1. A thin film of silicone thermal compound is recommended between the bottom of the assembly and the mounting surface for improved thermal conduction.
2. Also available in fast recovery version KMOR and KVOR.
Contact the factory for further information.

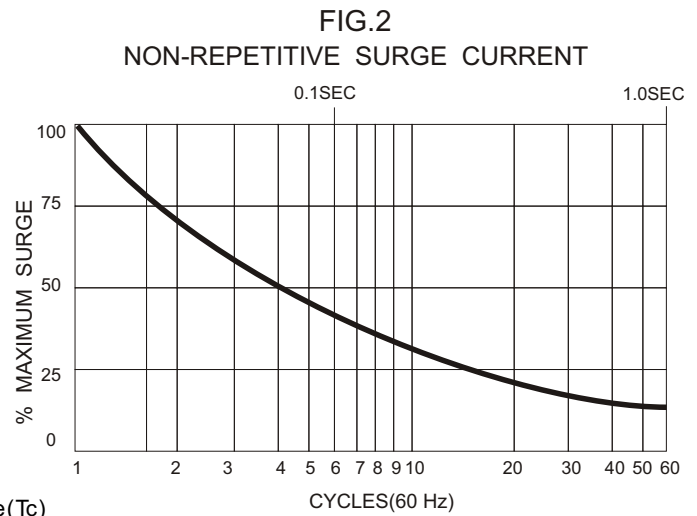
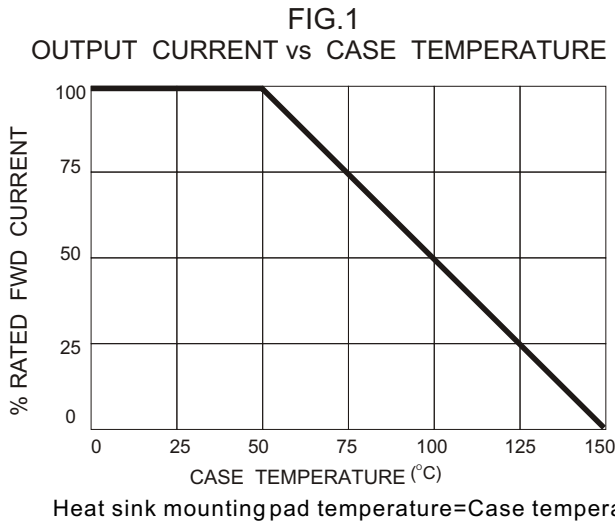
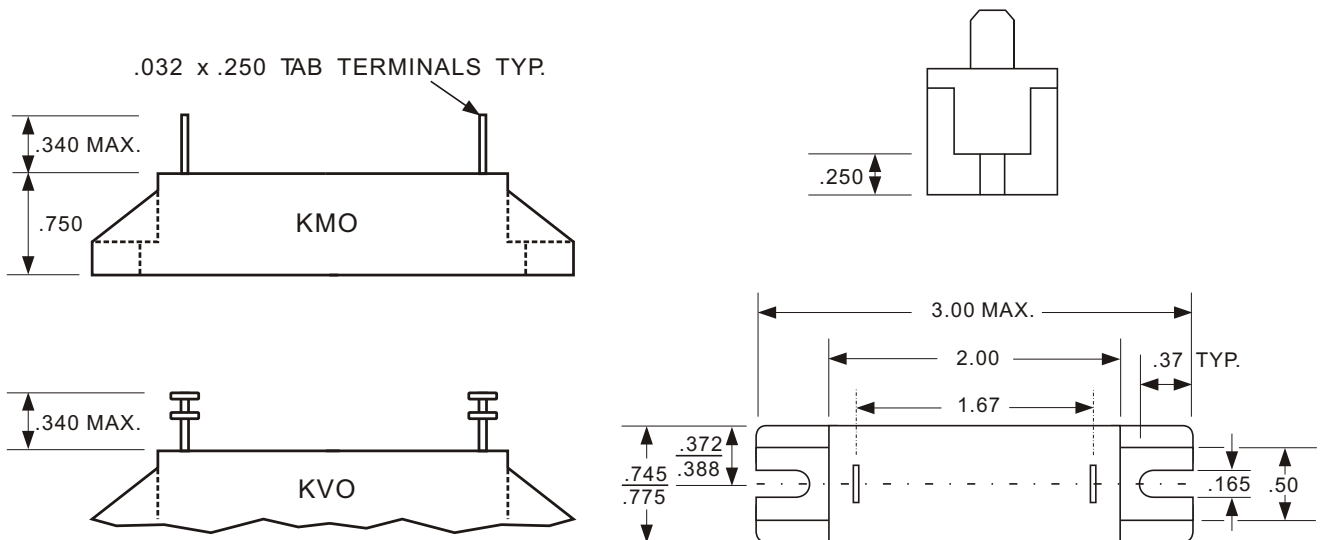


FIG.3
CASE OUTLINE
ALL DIMENSIONS IN INCHES



EDI reserves the right to change these specifications at any time without notice.