



#### SPECIFICATIONS:

- \*MOTORIZED
- \*SST CONSTRUCTION
- \*RS232 COMMUNICATION
- \*TWO (2) SENSORS, OPEN AND CLOSED
- \*VACUUM RANGE: 1 x 10<sup>-8</sup> MBAR TO 1.2 BAR
- \*CLOSING/OPENING TIME: 0.3S
- \*LEAK TEST: 1 x 10<sup>-9</sup> MBAR L/S
- \*LIFE: 2 MILLION (UNHEATED AND UNDER CLEAN CONDITIONS)
- \*SEAL: VITON O-RING STANDARD (KALREZ AVAILABLE)
- \*VITON O-RING STANDARD, SHAFT
- \*LOW PARTICLE GENERATION
- \*ANY MOUNTING POSITION
- \*OPERATING TEMPERATURE: +10 °C TO +150 °C
- \*CLEANED TO UHV STANDARDS BY THERMIONICS METAL PROCESSING INC. (TMPI)

NOTE:  
1. DIMENSIONS IN [X.XX] ARE IN mm.

**PROPRIETARY AND CONFIDENTIAL**  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
TLI ENTERPRISES, INC. ANY  
REPRODUCTION IN PART OR AS A WHOLE  
WITHOUT THE WRITTEN PERMISSION OF  
THERMIONICS LABORATORY INC. IS  
PROHIBITED.

DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± N/A ANGULAR: MACH ± BEND ± 5° ONE PLACE DECIMAL ± .1 TWO PLACE DECIMAL ± .01 THREE PLACE DECIMAL ± .005 SURFACE FINISH 63 R.M.S.		FINISH:				DO NOT SCALE DRAWING	REVISION
DESIGN/ENG.		SIGNATURE	DATE	USED ON	NEXT ASSY.	<b>thermionics laboratory inc.</b> 3118 Depot Rd., Hayward Ca. 94545	
CHK'D					GEN. USE	TITLE: <b>BUTTERFLY VALVE, Ø 10.0"O.D. C.F. FLANGE, MOTORIZED, OUTLINE DRAWING</b>	
APP'VD							
MFG							
Q.A							
						DWG NO.	A3
						SCALE:1:6	SHEET 1 OF 1
						WEIGHT:	