

TOLERANCES

- ① DISTANCE FROM THE END REFERENCE LINE TO WORKING LINE $\pm 1/16"$ ($\pm 1.6\text{mm}$) UP TO 35'-0" (10668mm) OR $\pm 1/8"$ ($\pm 3.2\text{mm}$) OVER 35'-0" (10668mm).
- ② DISTANCE FROM THE END REFERENCE LINE TO THE MODULE SUPPORT STAND BOTTOM $\pm 3/16"$ ($\pm 4.8\text{mm}$).
- ③ DISTANCE FROM FRONT REFERENCE LINE TO CENTERLINE OF MODULE HEADERS $\pm 1/8"$ ($\pm 3.2\text{mm}$).
- ④ HORIZONTAL DISTANCE BETWEEN HEADER CENTERLINES TO BE $\pm 1/8"$ ($\pm 3.2\text{mm}$).
- ⑤ VERTICAL DISTANCE FROM BOTTOM REFERENCE LINE TO CENTERLINE OF MODULE SUPPORTS $\pm 3/16"$ ($\pm 4.8\text{mm}$).
- ⑥ DISTANCE FROM FRONT REFERENCE LINE TO CENTERLINE OF MODULE HEADERS $\pm 1/8"$ ($\pm 3.2\text{mm}$).
- ⑦ DISTANCE FROM REFERENCE LINE TO END OF INLETS OR OUTLETS $\pm 1/8"$ ($\pm 3.2\text{mm}$).
- ⑧ DISTANCE BETWEEN THE ENDS OF INLETS OR OUTLETS $\pm 1/8"$ ($\pm 3.2\text{mm}$).
- ⑨ DISTANCE FROM REFERENCE LINE TO CENTERLINE OR END OF DRAIN & VENT PIPING $\pm 3/16"$ ($\pm 4.8\text{mm}$).
- ⑩ DISTANCE BETWEEN THE ENDS OF VENTS OR DRAINS $\pm 1/4"$ ($\pm 6.4\text{mm}$).
- ⑪ ALIGNMENT OF BOTTOM OR TOP CASING TO BE $\pm 1/16"$ ($\pm 1.6\text{mm}$).
- ⑫ DIAGONAL DIMENSIONS TO BE WITHIN $1/2"$ (12.7mm) OF EACH OTHER.
- ⑬ ANY TOLERANCE NOT SPECIFIED ABOVE IS TO BE $\pm 3/16"$ ($\pm 4.8\text{mm}$).

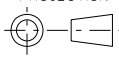
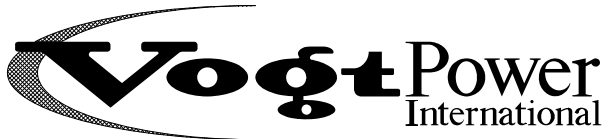
UNLESS OTHERWISE SPECIFIED FOR A PARTICULAR MODULE BOX ASSEMBLY, TOLERANCES SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS LISTED BELOW.

- (A) HORIZONTAL LONGITUDINAL DIMENSIONS FOR BASEMENT AREA SHALL BE MEASURED FROM THE END REFERENCE LINE. THE END REFERENCE LINE SHALL COINCIDE WITH THE END OF THE SIDE PANEL COLUMN.
- (B) HORIZONTAL LONGITUDINAL DIMENSIONS FOR ATTIC AREA SHALL BE MEASURED FROM A WORKING LINE. THE WORKING LINE SHALL BE ESTABLISHED FROM THE END REFERENCE LINE.
- (C) ALL VERTICAL LOCATING DIMENSIONS SHALL BE MEASURED FROM THE BOTTOM REFERENCE LINE. THE BOTTOM REFERENCE LINE SHALL COINCIDE WITH THE BOTTOM SIDE OF THE SIDE PANEL COLUMN.
- (D) ALL END VIEW HORIZONTAL LOCATING DIMENSIONS SHALL BE MEASURED FROM THE FRONT REFERENCE LINE. THE REFERENCE LINE SHALL COINCIDE WITH THE EDGE OF THE SIDE PANEL COLUMN MEASURED FROM THE GAS FLOW SIDE.

APPLIES TO:
V17494 MIDDLETOWN PROJECT
V17495 KINGS MOUNTAIN PROJECT

NOTE:

TOLERANCES ARE FOR FINISHED WELDED PRODUCT WHICH MAY NOT BE APPLICABLE FOR FIT-UP TOLERANCES PRIOR TO WELDING.

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Revisions							
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MIDDLETOWN ENERGY CENTER and KINGS MOUNTAIN ENERGY CENTER for NTE ENERGY and GEMMA POWER SYSTEMS VOGT POWER PROJECTS V17494 & V17495						3rd ANGLE PROJECTION  Scale: NONE	
Title STANDARD FABRICATION TOLERANCES FOR MODULE BOX ASSEMBLY (SMART)							
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Internal Drawing Status FOR RECORD		Size C	Drawing No. V17494-EBND-0113			Rev. 00	