Note

Note1 : The filament transformer design center must be the following voltage for normal line voltage.

2M231, 2M300	: 3.5 ± 0.1 V
2M229, 2M240, 2M253, 2M301, 2M302	: 3.3 ± 0.1 V
2M248, 2M303	: 3.15 ± 0.1 V

Note2 : The load VSWR larger than 4 may be allowable unless it is locked in such a condition.
It is required to consult with Toshiba Hokuto for the best design of peak anode current and impedance even if the VSWR is either less or larger than 4.

Note3 : See outline drawing for measuring point.
Maximum anode temperature for normal condition (with load in the cavity) should be 250oC.

Note4 : Temperature of metal to ceramic seal.
Maximum allowable built-up curves of seal temperature is shown in the application note 3-3-1.

Note5 : See outline drawing for measuring point.

Note6 : This is measured within 15 seconds after applying anode voltage.
The standard ambient temperature of the magnetron during this measurement is 25oC.
Peak anode voltage goes down with operating time from this value to a lower value due to the rather large temperature coefficient of ferrite magnet.