Product Specification	Spec No.		Page	1/5
	Model No.	2M262A type		

This Specifications is based on the General Rules of Inspection for Electron Tubes ED-1101 and the Testing Methods for Continuous Wave Magnetrons ED-1501 set by the Electronic Industries Association of Japan (EIAJ).

Absolute Maximum Rating

Description	Continuous Wave Magnetron (Fixed Frequency, Packaged Magnet and Probe Output)											
Outline	See the Outline Drawing				Net Weight			Approximately 1.3 kg				
Absolute Maximum Rating	Item	Ef (Stand-by)	Ef (Operation)	tk	ebm	Ib	ibm	Pi	σ_L	Tp③	Tc③	storage
	Unit	V	V	s	kV	mAdc	A	kW	—	℃	℃	℃
	Max.	4.8	②	—	5.00	530	1.9	2.4	4	180	120④	60
	Min.	3.8	②	3	—	—	—	—	—	—	—	-30
Standard Test Condition①		4.4	3.7	5	—	480	—	—	1.1 MAX	—	—	—

Test Specification

Test Item⑦	Test Method ED-1501	Test Condition①	Symbol	Nominal	Limit		Unit
					Min.	Max.	
*Filament Current	4.1.1	tk=120	If	14	12.5	15.5	A
Peak Anode Voltage	4.3.1	⑤	ebm	4.50	4.30	4.70	kV
Average Output Power (1)	4.3.3.1	⑤	P_0(1)	1500	1440	—	W
Frequency	4.3.4	⑤	f	2460	2445	2470	MHz
*Stability Moding (1)	4.3.11.2	σ_L=2, 3, 4 t=60s	ST	No Moding			—
Emission Moding (2)	4.3.11.3	Ef=2.8, t≦5s	Efm	No Moding			—
Insulation	4.2	1kVdc	R_{pf}	—	1000	—	MΩ
Breakdown Voltage	4.2	7.1kVac or 10kVdc,t=60s	V_{BV}	No Abnormality⑥			—

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Outline Drawing	Spec No.		Page	3/5
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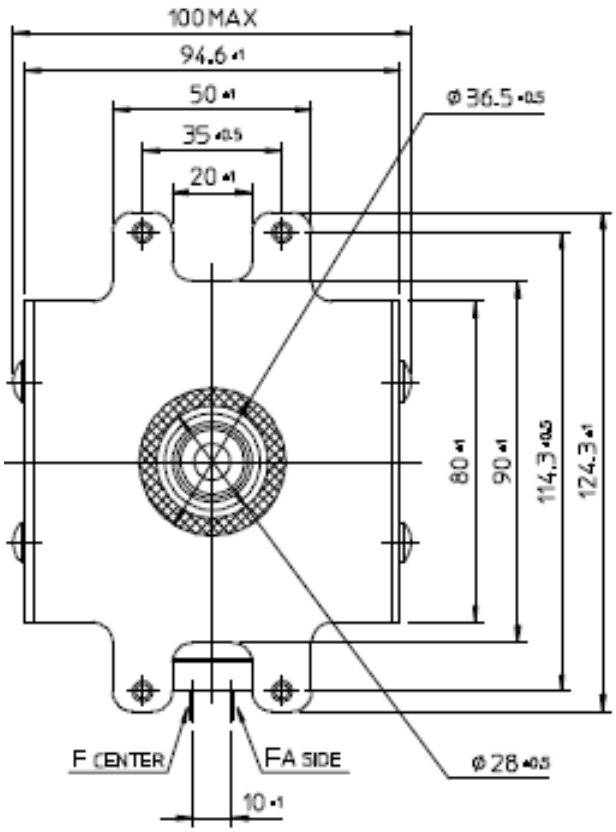
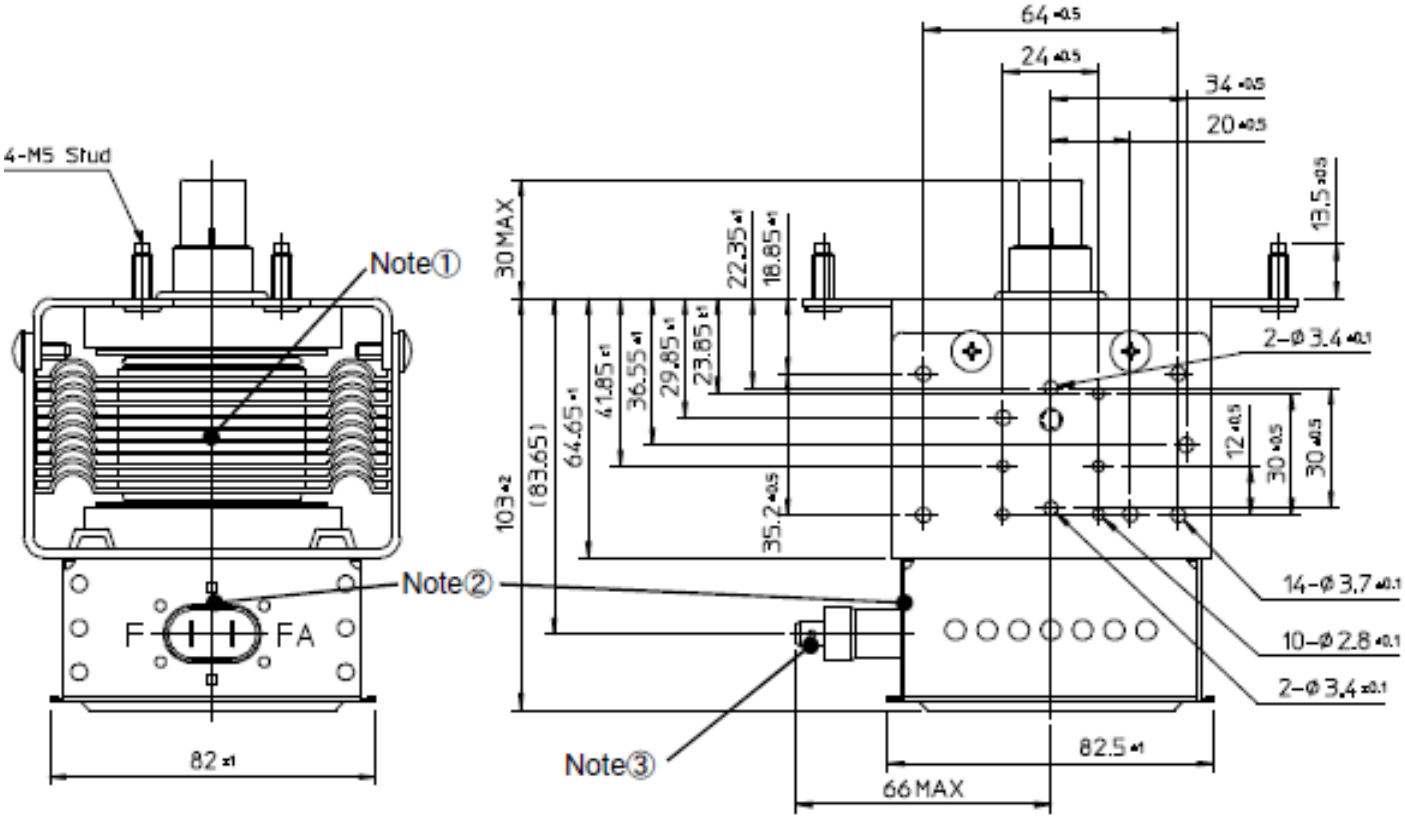
Unit : mm



Note

① Tp measurement point
To be measured at the outlet side of air flow.
② Tc measurement point
③ Adaptable for #250 faston receptacle.



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