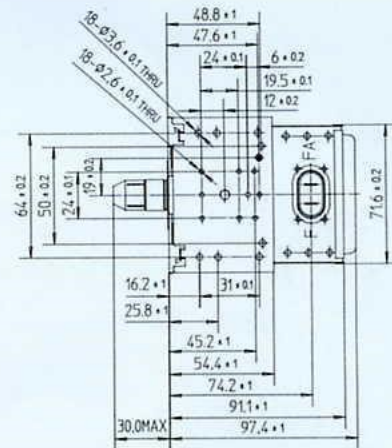
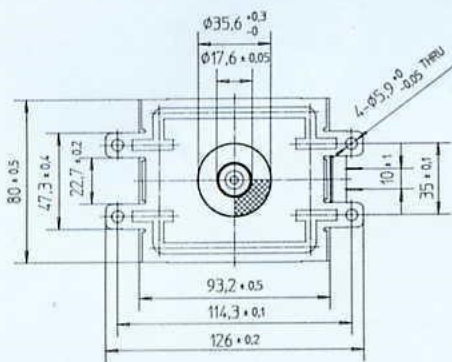


OM75S SERIES

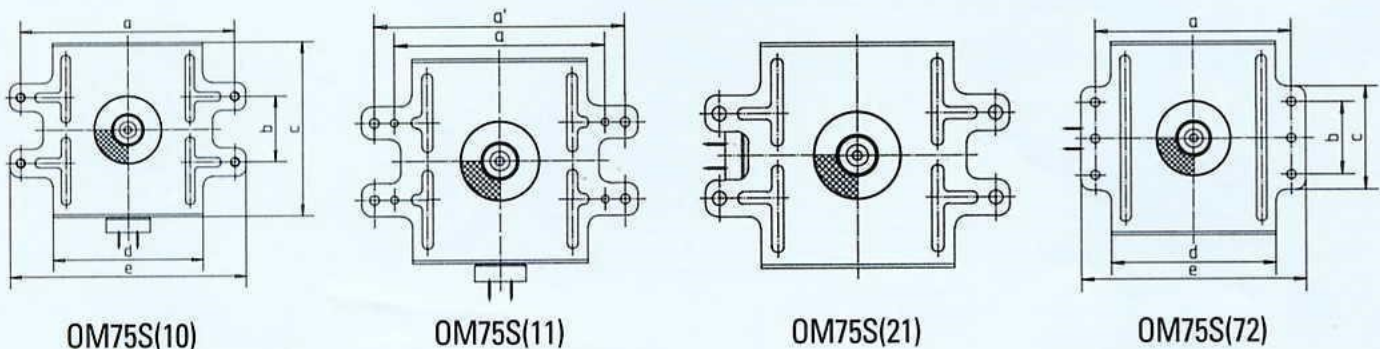
1. ELECTRICAL CHARACTERISTICS

TERM	Test condition				Limits			
	Vf(V)	Va(kV)	Ia(mA)	VSWR	Min.	Mean	Max.	Unit
Cold Insulation Resistance	0	1kV dc	-	-	50M Ω	-	∞	
Breakdown Voltage	0	10dc	-	-				
Cold Start (Volt transient)	3.3	-	300	≤ 1.1			8	kV
Frequency	3.3	-	300	≤ 1.1	2,455	2,465	2,475	MHz
Peak Anode Voltage	3.3	-	300	≤ 1.1	4.0	4.1	4.3	kV
Efficiency	3.3	-	300	≤ 1.1		71		%
Mean Output Power	3.3	4.1	300	≤ 1.1	860	910	960	W
Emission Stability (Vfm)			300	≤ 1.1			2.3	V
Stability	3.3				4			VSWR
Pulling Figure	3.3		300	1.3			10	MHz
Filament Current	3.3	-	-	-	9	11	13	A
Sink Phase (at L=4)	3.3	-	300	4	0.26	0.28	0.30	λ g

2. DIMENSIONAL OUTLINE OF OM75S SERIES



3. OPTIONS (Mounting Plate and Direction of Filament Terminal)



(unit : mm)

Model	a	a'	b	c	d	e
OM75S(10)	114.3		35	93.2	80	126
OM75S(11)	95	114.3	35	93.2	80	126
OM75S(72)	95		35	93.2	80	109

※ In order to exactly meet customer's requirements, other direction types of filament terminals and mounting brackets are available.