

MTH90

Russian Tube

Cold Cathode Thyratron

Low-power signal conversion and as ionic relay

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		4
Ignition Voltage, V		150
Anode-Cathode Voltage, V		36.5
Anode-Cathode Voltage, V Minimum		8
Anode-Cathode Voltage, V Maximum		65
Grid-Cathode Voltage, V		85

TH11G

Russian Tube

Cold Cathode Thyratron

Working with high-ohm sensors

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		10
Anode-Cathode Voltage, V		107.5
Anode-Cathode Voltage, V Minimum		90
Anode-Cathode Voltage, V Maximum		125
Direct Anode Voltage, V		200

TH12G

Russian Tube

Cold Cathode Thyatron

Electromechanical devices control

Specifications	
Name	Value
Envelope	Glass, Miniature
Mass	8
Anode-Cathode Voltage, V	160
Direct Anode Voltage, V	250
Max.Anode Current, Ma	100
Average Anode Current, Ma	10
Grid-Cathode Voltage, V	150

TH13G

Russian Tube

Cold Cathode Thyatron

Low-power signal conversion

Specifications	
Name	Value
Envelope	Glass, Miniature
Mass	6
Anode-Cathode Voltage, V	120
Direct Anode Voltage, V	220
Max.Anode Current, Ma	5
Average Anode Current, Ma	1
Grid-Cathode Voltage, V	105

TH16B

Russian Tube
Cold Cathode Thyatron
Light indication

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		3
Anode-Cathode Voltage, V		115
Anode-Cathode Voltage, V Minimum		100
Anode-Cathode Voltage, V Maximum		130
Max.Anode Current, Ma		5
Average Anode Current, Ma		1

TH17A

Russian Tube

Cold Cathode Thyatron

Light indication (green light)

Specifications	
Name	Value
Envelope	Glass, Miniature
Mass	3
Direct Anode Voltage, V	220
Direct Anode Voltage, V Minimum	180
Direct Anode Voltage, V Maximum	260
Max.Anode Current, Ma	5
Average Anode Current, Ma	1

TH18A

Russian Tube
Cold Cathode Thyatron

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		2
Anode-Cathode Voltage, V		62
Grid-Cathode Voltage, V		82

TH19A

Russian Tube
Cold Cathode Thyatron
Light indication

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		3
Anode-Cathode Voltage, V		132.5
Anode-Cathode Voltage, V Minimum		115
Anode-Cathode Voltage, V Maximum		150
Max.Anode Current, Ma		5
Average Anode Current, Ma		1

TH2

Russian Tube
Cold Cathode Thyratron
In rectifier

Specifications	
Name	Value
Envelope	Glass, Miniature
Mass	14
Ignition Voltage, V	350 or 425
Anode-Cathode Voltage, V	125

TH3B

Russian Tube
Cold Cathode Thyatron
Low-power signal conversion

Specifications	
Name	Value
Envelope	Glass, Miniature
Mass	4
Anode-Cathode Voltage, V	110
Direct Anode Voltage, V	175
Max.Anode Current, Ma	7
Average Anode Current, Ma	3.5

TH4B

Russian Tube
Cold Cathode Thyatron
Low-power signal conversion

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		4
Anode-Cathode Voltage, V		125
Direct Anode Voltage, V		225
Max.Anode Current, Ma		38.5
Max.Anode Current, Ma Minimum		7
Max.Anode Current, Ma Maximum		70
Average Anode Current, Ma		3.5
Grid-Cathode Voltage, V		100

TH4B1

Russian Tube

Cold Cathode Thyratron

Formation of a sawtooth voltage in TV scan modules

Specifications	
Name	Value
Envelope	Glass, Miniature
Mass	4
Ignition Voltage, V	320
Anode-Cathode Voltage, V	128
Anode-Cathode Voltage, V Minimum	116
Anode-Cathode Voltage, V Maximum	140
Grid-Cathode Voltage, V	140
Grid-Cathode Voltage, V Minimum	135
Grid-Cathode Voltage, V Maximum	145

TH5B

Russian Tube

Cold Cathode Thyatron

Low-power signal conversion and as light indicator

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		1.5
Ignition Grid Current, Ua		43.5
Ignition Grid Current, Ua Minimum		12
Ignition Grid Current, Ua Maximum		75
Anode-Cathode Voltage, V		150
Direct Anode Voltage, V		175
Max.Anode Current, Ma		1.5
Average Anode Current, Ma		0.25
Grid-Cathode Voltage, V		150

TH6G

Russian Tube
Cold Cathode Thyratron
As single memory cell

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		6
Direct Anode Voltage, V		285
Direct Anode Voltage, V Minimum		270
Direct Anode Voltage, V Maximum		300
Grid-Cathode Voltage, V		115
Grid-Cathode Voltage, V Minimum		100
Grid-Cathode Voltage, V Maximum		130

TH7G

Russian Tube
Cold Cathode Thyratron
As logic element

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		6
Direct Anode Voltage, V		285
Direct Anode Voltage, V Minimum		270
Direct Anode Voltage, V Maximum		300
Max.Anode Current, Ma		2
Average Anode Current, Ma		1
Grid-Cathode Voltage, V		115
Grid-Cathode Voltage, V Minimum		100
Grid-Cathode Voltage, V Maximum		130

TH8G

Russian Tube
Cold Cathode Thyatron
As logic element 2*and

Specifications		
Name		Value
Envelope		Glass, Miniature
Mass		6
Direct Anode Voltage, V		285
Max.Anode Current, Ma		400
Average Anode Current, Ma		8
Grid-Cathode Voltage, V		115
Grid-Cathode Voltage, V Minimum		100
Grid-Cathode Voltage, V Maximum		130

THI1100025

Russian Tube
Cold Cathode Thyatron
As gas-discharge key

Specifications		
Name		Value
	Mass	100
	Direct Anode Voltage, V	1750
	Direct Anode Voltage, V Minimum	1000
	Direct Anode Voltage, V Maximum	2500
	Max.Anode Current, Ma	550A
	Max.Anode Current, Ma Minimum	100A
	Max.Anode Current, Ma Maximum	1000A
	Average Anode Current, Ma	80

THI120004

Russian Tube
Cold Cathode Thyratron
As gas-discharge key

Specifications		
Name		Value
	Mass	130
	Direct Anode Voltage, V	2750
	Direct Anode Voltage, V Minimum	1500
	Direct Anode Voltage, V Maximum	4000
	Max.Anode Current, Ma	5050A
	Max.Anode Current, Ma Minimum	100A
	Max.Anode Current, Ma Maximum	10000A
	Average Anode Current, Ma	120

THI1G

Russian Tube
Cold Cathode Thyatron
Single current pulses formation

Specifications	
Name	Value
Envelope	Glass, Miniature
Mass	5
Direct Anode Voltage, V	240
Direct Anode Voltage, V Minimum	205
Direct Anode Voltage, V Maximum	275
Max.Anode Current, Ma	60A