

# KS5B

Russian Tube  
Reflex, Superminiature  
Appllication In Air Equipment

| Specifications                        |  |                                        |
|---------------------------------------|--|----------------------------------------|
| Name                                  |  | Value                                  |
| Cathode Type                          |  | Indirect Heating                       |
| Envelope                              |  | metal-ceramic,10x23mm waveguide output |
| Mass                                  |  | 70g                                    |
| Cooling Method                        |  | Conductive                             |
| Frequency Band                        |  | 9345MHz                                |
| Output Power                          |  | 62.5mW                                 |
| Output Power Minimum                  |  | 35mW                                   |
| Output Power Maximum                  |  | 90mW                                   |
| Tuning Transconductance, Mhz/Ma       |  | 4 to 7                                 |
| Tuning Range, Mhz                     |  | 100                                    |
| Filament Voltage, V                   |  | 3                                      |
| Filament Current, A                   |  | 1.3A                                   |
| Filament Current, A Minimum           |  | 1A                                     |
| Filament Current, A Maximum           |  | 1.5A                                   |
| Resonator Voltage, V                  |  | 85                                     |
| Reflector Negative Voltage, V         |  | 75                                     |
| Reflector Negative Voltage, V Minimum |  | 35                                     |
| Reflector Negative Voltage, V Maximum |  | 115                                    |