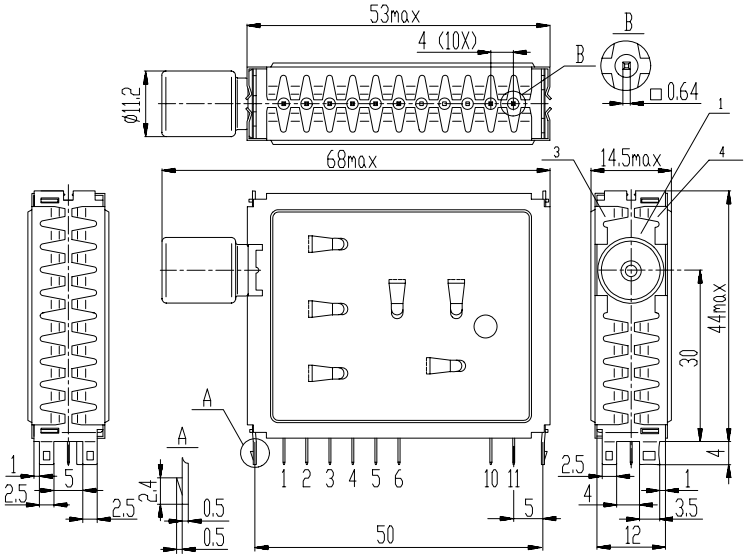
**SELTEKA**

# TV TUNER Model: KS-H-133




| Pin No | Address |
|---|---|
| 1 | AGC |
| 2 | $V_T$ |
| 3 | UHF |
| 4 | VHF II |
| 5 | VHF I |
| 6 | $V_S$ |
| 7 | n.c. |
| 8 | n.c. |
| 9 | n.c. |
| 10 | IF2/GND |
| 11 | IF1 |

## ➢ Features

- Member of the KS-H-130/140 family small sized VHF/Hyperband/UHF tuner
- Systems CCIR: B/G, H; OIRT: D/K
- Voltage synthesized tuning (VST)
- Off-air channels, S-cable channels and Hyperband
- World standardized mechanical dimensions and world standard pinning
- Compact size
- Comply to “CENELEC EN55020” and “EN55013”

## ➢ Application

- For TV and VCR

## ➢ Electrical data

| **Model No** | | **KS-H-133 E** | **KS-H-133 EA** | **KS-H-133 O** | **KS-H-133 OA** |
|---|---|---|---|---|---|
| Receiving system | | CCIR B/G | | OIRT D/K | |
| Channel selection system | | VST | | | |
| RF input type (standard) | | IEC-14 Female | | | |
| Input frequency p.c., MHz | VHF-L | 48,25-154,25 | | 49,75-151,25 | |
| | VHF-H | 161,25-439,25 | | 159,25-439,25 | |
| | UHF | 447,25-855,25 | | 447,25-855,25 | |
| Input impedance, Ω | | 75 | | | |
| Input VSWR, max | | 4 | | | |
| IF output type | | Symmetrical | Asymmetrical | Symmetrical | Asymmetrical |
| Intermediate frequency, MHz | Picture | 38,9 | | 38,0 | |
| | Sound | 33,4 | | 31,5 | |
| Power supply, V/mA | | 5/65 | | | |
| Tuning voltage supply, V | | 0,5 – 28 | | | |
| AGC range (4-0,3V), dB, min | VHF-L, VHF-H | 45 | | | |
| | UHF | 40 | | | |
| Voltage gain, dB, min | | 38 | | | |
| Noise figure, dB, max | VHF-L, VHF-H | 9 | | | |
| | UHF | 9 | | | |
| Image rejection, dB, min | VHF-L | 66 | | | |
| | VHF-H | 60 | | | |
| | UHF | 50 | | | |
| IF rejection, dB, min | | 65 | | | |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