TOA

SURVEILLANCE BOARD

SV-200MA

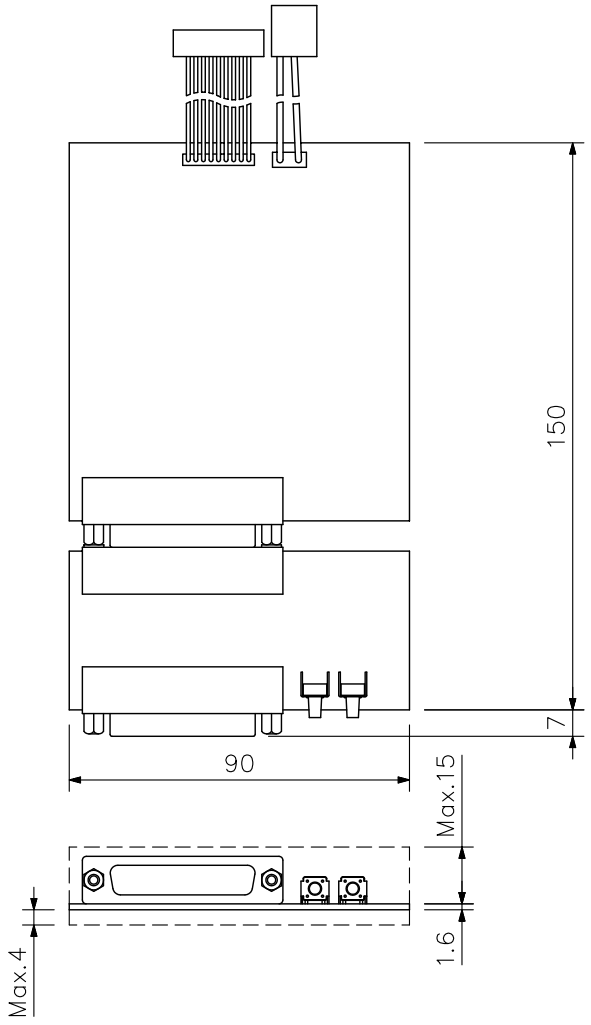
■DESCRIPTION

Designed to be built in the VM-2120/-2240 amplifiers, the SV-200MA permits monitoring of individual speaker line or power amplifier failures for status indication.

■SPECIFICATIONS

Power Source	24 V DC
Current Consumption	120 mA
Control Input and Output	Input: No-voltage make contact input, open voltage: 3.3 V DC, short-circuit current: 1 mA or less (1) Speaker line initial setting activation signal (2) Speaker line surveillance activation signal Output: Open collector output, withstand voltage: 30 V DC, control current: 10 mA or less (1) Monitoring short or open of individual speaker line (zone 1 – 5) (2) Ground fault (insulation resistance: 50 kΩ or less) (3) Power amplifier failures Input/Output Input: No-voltage make contact input, open voltage: 24 V DC, short-circuit current: 60 mA or less Output: Open collector output, withstand voltage: 24 V DC (used with VM 24 V DC output), control current: 20 mA or less (1) Speaker Zone information/selection (2) Power amplifier fault link Connector: D-sub connector (25-pin, female)
Failure Detection	Power amplifier failure: 20 kHz pilot tone detection Speaker line failure: 40 Hz impedance detection (Detectable minimum load: 5 W)
Speaker Line Surveillance	Speaker lines are automatically monitored at set time intervals
Set Time	(10 – 60 min, at 10 min intervals)
Operating Temperature	0 °C to +50 °C
Operating Humidity	90 % RH or less (must be free from dew condition)
Dimensions	90 (W) × 20.6 (H) × 157 (D) mm
Weight	140 g
Accessory	Flat cable ···2

■APPEARANCE



UNIT: mm SCALE: 1/2