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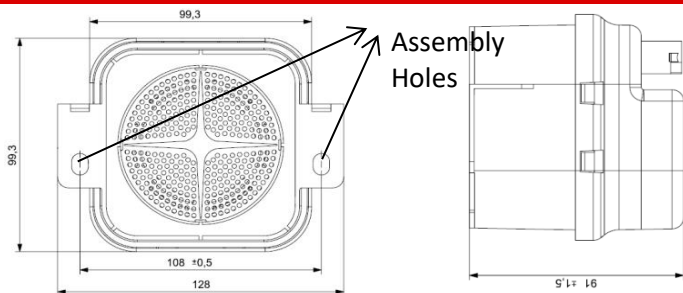
ACOUSTICAL VEHICLE ALERTING SYSTEM (AVAS)

TYPE: 22A 12V

MAIN TECHNICAL SPECIFICATIONS

Operating Voltage Range	9-16	Vdc
Current Consumption	max.0,5	A
Sound Pressure Level(Overall)	75±3 dB (A)	@ 1 m
Frequency Range	160 Hz – 5 kHz	
Operating Temperature	-40° to 85°	°C
Operating relative humidity	30 to 95	%
Speaker Durability(Pink Noise)	> 400	hours
AEC Q Standards	Available	
Thermal Overload Protection	Available	
CAN Comunication / Speed	CAN 2.0 / max. 1 Mbps	
Functional Safety(ISO 26262)	Can be applied at ASIL A	
Unified Diagnostic Service(UDS)	Can be added	ISO14229-1
Bootloader	Can be added	
Cybersecurity	Can be added	ISO 21434
Sleep Mode	Can be added	
Speaker	4Ω	5W
Sample Rate / Bit Depth	44.1 KHz / 16 & 32 bits	
Operating Vehicle Speed	0 to 20 or 32	km/h
Vibration (8 h, 3 axis)	3	g
Protection Class	IP67,IP68	15 min. at 15 cm
Target Weight	420	gr
Size	128x92x99	mm
Main Materials	Magnet, PBT	
Main Applications	PEV, HEV, BEV	

DIMENSIONS (mm)



Conformity to Standards of

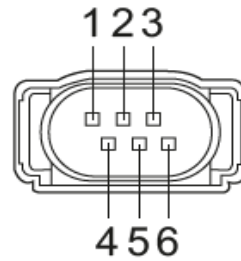
MANUFACTURING: IATF 16949

PRODUCT: *ECE R138
**ECE R10

* Customer gets Regulation 138 approval on the vehicle by self. Seger provides a product which meets R138 expectations.

** Hardware & Software Updates can be done acc.to customer expectations.

CONNECTOR DETAILS



- 1 V_BAT
- 2 IGN
- 3 CAN_bus_L
- 4 N.A
- 5 GND
- 6 CAN_bus_H

Harness Connector Number: TE 1-967616-1

OTHER SPECIFICATIONS

Mechanical Connection: flat and rigid surface from all lugs touch

Electrical Connection: assembly according to the electrical description and from the terminals connector.

Product Protection: assembly clear areas and higher from the ground against water & dust.

Don't use the product if dropped

Sound: Customer creates the sound file and deliver to Seger who can drive Sound files acc.to Customer expectations.

PRODUCT

