

DEVETECH ELECTRONICS CO. LTD

Name: Seat Sensors DVW003 Description: Auto seat sensor is a membrane touch point sensor and touch point is distributed uniformity on the suffer facade of seat. It is used to apperceive system of auto seat, such as safety belt alarm sensor, Taxi meter automatism... We can design different sensor figure and touch point sensitivity according to shape, rigidity and elasticity of car seat. Special Poise PoisePerfomance Parameters Table Symbol Value 502 Unit Min Max V Working Voltage U Work 0 20 Working Current I Work 0 50 Ma Non-contact Non-loaded Rx=R no-load 10.0K Ω resistance value Contact Carry human Rx=R trigger 0 100 Ω resistance value body Insulation Rx=R no-load 10 ΩΩ Non-loaded 20 Resistance Specifications PET Material Material surface thickness 0.188mm Qutput Signal Resistance ($<100\Omega\Omega$) Film thickness $0.5 \pm \pm 0.1 \text{mm}$ Bottom glue PET 3M Double-sided glue Environment Temperature (-15℃-80℃)

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Permanence

Pressure range single-spot test (Special Poise)

Connector

To match as the seat

>150000Time

Seal gum

60g

150g

100% non-

conducting

100% conducting

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