



SYL335R *Super Thin Triple Track Read-only Magnetic Head*

Description

- Triple track read-only magnetic head
- 500,000 passes life
- Super thin dimension, 3.5 mm thickness only
- RoHS compliant



Application

- ISO, JIS, triple track reading
- Identification Card Reading
- MSR (Magnetic Stripe Reader) applications
- Portable POS (Point of Sale) applications

Electrical Specifications

No	Item	Specification
1	DC Resistance (Unit = ohm, Tolerance± 30%)	280
2	Inductance@1KHz, 300mV (Unit = mH, Tolerance± 30%)	100
3	Read Output (Unit = mVp-p, Tolerance± 30%, Test Tape: 3M-777, Tape Speed: 8 IPS)	30
4	Insulation Resistance	50 M ohm Min.
5	Core Earth	10 ohm Max.

Production & Materials

No	Item	Specification
1	Gap Width	10 μ m ± 10%
2	Gap Depth	0.3 mm.
3	Track Width	1.4 mm ± 10%
4	Core & Shield Case	Permalloy

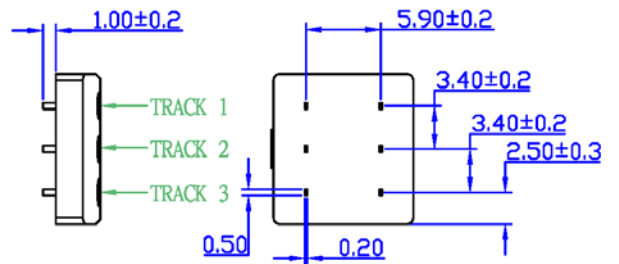
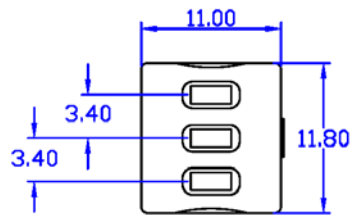
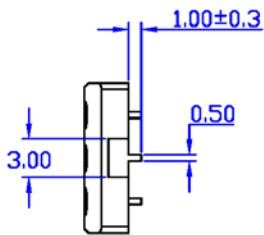
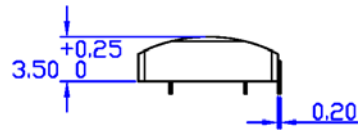
Reliability

No	Item	Specification
1	Life Test Condition: 0.3KGF + 20 IPS with an ISO7811 plastic card	500,000 passes
2	Operating Temperature	-20~65°C
3	Humidity	10~90%



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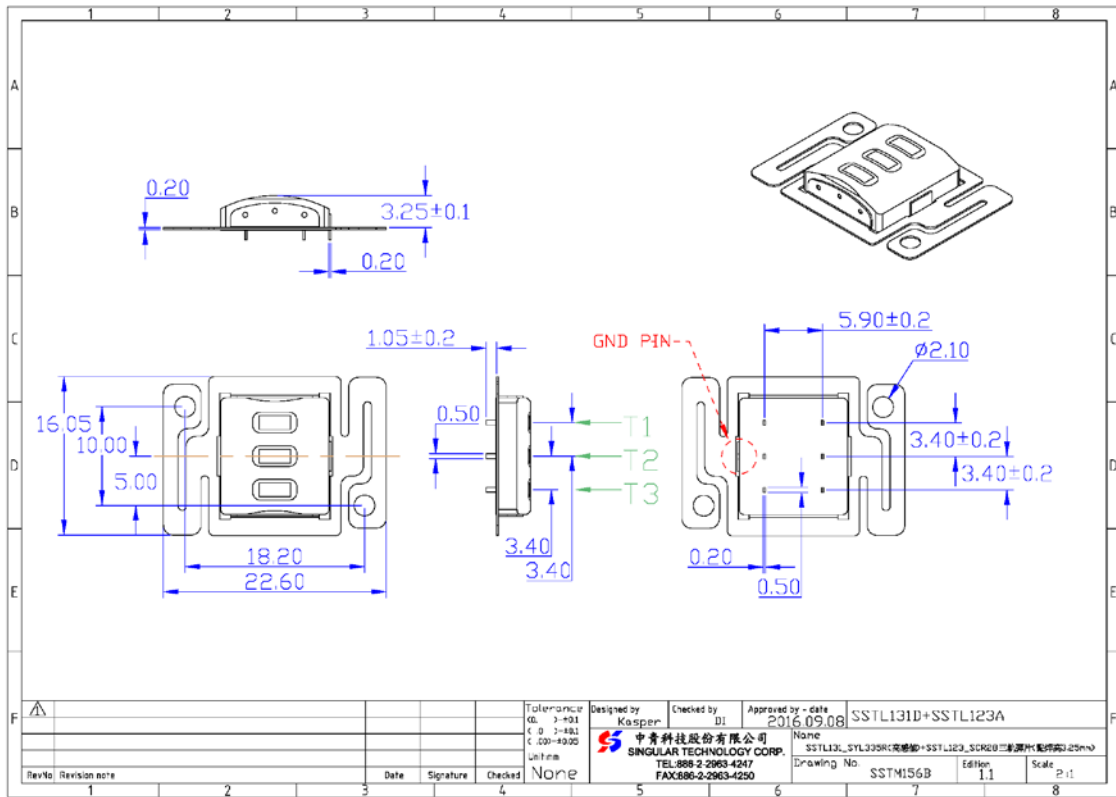
Dimension





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Assembly example 1



Assembly example 2

