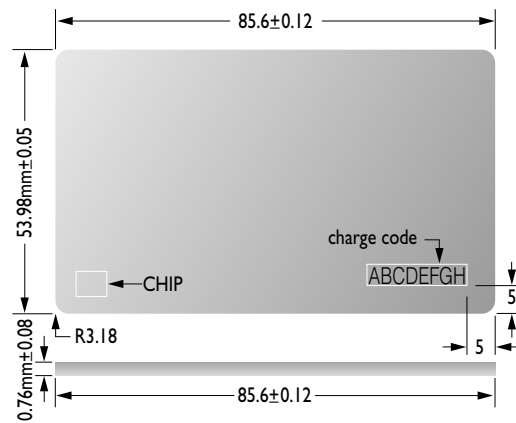


EM ISO CARD



FEATRUES

1. Type:contactless passive
2. Material:PVC
3. IC Chip:EM4102/GK4001
4. ISO Standard:ISO/IEC 10536
5. Reading distance:within 20cm(this ist dependent on antenna geometry)
6. Operating Frequency:100~150KHz
7. Dimensions:85.6mm±0.12x53.98mm±0.05x0.76±0.08mm
8. Operating Temperature:-20~+50°C
9. Storage Temperature:-20~+50°C
- 10.Humidity:up to 90% (non-condensing)
- 11.Surface Finish:Gloss / Matt
- 12.Antenna:copper coil
- 13.Magnetic stripe Coercivity :650oe(JIS),300oe(LoCo), 2750oe(HiCo)

POSITION OF MAGNETIC STRIPE

Jis Magnetic stripe:

- Ext edge A 6.4mm (max.) • Int edge B 11.6mm(min.)
- Coercivity (oersteds)650oe

Other Magnetic stripe:

- Ext edge A 5.54mm(max.) • Int edge C 15.8mm(min.)
- Coercivity(oersteds)300oe(LoCo),2750oe(HiCo)

ISO CARD

FEATRUES

1. Type:contactless passive
2. Material:PVC / PET
3. IC Chip:By customer
4. ISO Standard:ISO/IEC 10536
5. Reading distance: this ist dependent on antenna geometry & chip Features
6. Operating Frequency:125K,13.56MHz system
7. Dimensions:85.6mm±0.12x53.98mm±0.05x0.76±0.08mm
8. Operating Temperature: -20~+50°C
9. Storage Temperature: -20~+50°C
- 10.Humidity:up to 90% (non-condensing)
- 11.Surface Finish: Gloss / Matt
- 12.Antenna:copper coil
- 13.Magnetic stripe Coercivity(Optional):300oe(LoCo), 650oe(JIS),2750oe(HiCo)

POSITION OF MAGNETIC STRIPE

Jis Magnetic stripe:

- Ext edge A 6.4mm(max.) • Int edge B 11.6mm(min.)
- Coercivity(oersteds)650oe

Other Magnetic stripe:

- Ext edge A 5.54mm(max.) • Int edge C 15.8mm(min.)
- Coercivity(oersteds) 300oe(LoCo),2750oe(HiCo)

POSITION OF PUNCH(OPTIONAL)

Position of punch mark1

- Ext edge D 35.30mm(max.) Int edge E 50.30mm(min.)
- Ext edge F 4.00mm(max.) Int edge G 7.50mm(min.)

Position of punch mark 2

- Ext edge H 19.50mm(max.) Int edge I 34.50mm(min.)
- Ext edge J 4.00mm(max.) Int edge K 7.50mm(min.)

Mark dimension A 8.00mm±0.50 B 1.50mm±0.50

Position of punch mark 3

Horizontal L 42.80mm±0.50 Vertical M 5.0mm±0.50

Position of punch mark 4

Horizontal O 5.00mm±0.50 Vertical P 27.00mm±0.50

CONTACTLESS CARD SPECIFICATION

| Model No. | ISO Card | Imm ISO Card | Clamshell Card |
|-----------------------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| Reading Distance | 80mm | 100mm | 160mm |
| Base on GK4001 chip, with EM9917 Reader | | | |
| Operating temperature | -20°C to 50°C | -20°C to 50°C | -20°C to 70°C |
| Storage temperature | -20°C to 50°C | -20°C to 50°C | -40°C to 80°C |
| Material | PVC/PET | PVC | ABS |
| Operating Frequency | 125KHz / 13.56MHz | 125KHz | 125KHz / 13.56MHz |
| Antenna | Copper Coil | Copper Coil | Copper Coil |
| Dimensions | 85.6mm+0.12x53.98mm+0.05x0.76mm+0.08 | 85.6mm+0.12x53.98mm+0.05x10mm+0.08 | 85.6mm+0.12x53.98mm+0.05x1.84mm+0.04 |
| Technology | | | |
| GK4001 (125KHz, 64bit, R/O) | Y | Y | Y |
| EM4102 (125KHz, 64bit, R/O) | Y | Y | Y |
| I-Code SLI (13.56MHz, 1024bit, R/W) | Y | Y | Y |
| Mifare S50 (13.56MHz, 1KByte, R/W) | Y | Y | Y |
| Temic E5557 (125KHz, 330bit, R/W) | Y | Y | Y |
| Hitag 1 (125KHz, 2048bit, R/W) | Y | Y | Y |
| Hitag 2 (125KHz, 256bit, R/W) | Y | Y | Y |
| Legic 256 (13.56MHz, 256Byte, R/W) | Y | Y | Y |

Application: Door Access Control, Burglar Prevention, Patrol Management, Personal Identification, Car Park Control, Member Club Management, etc.