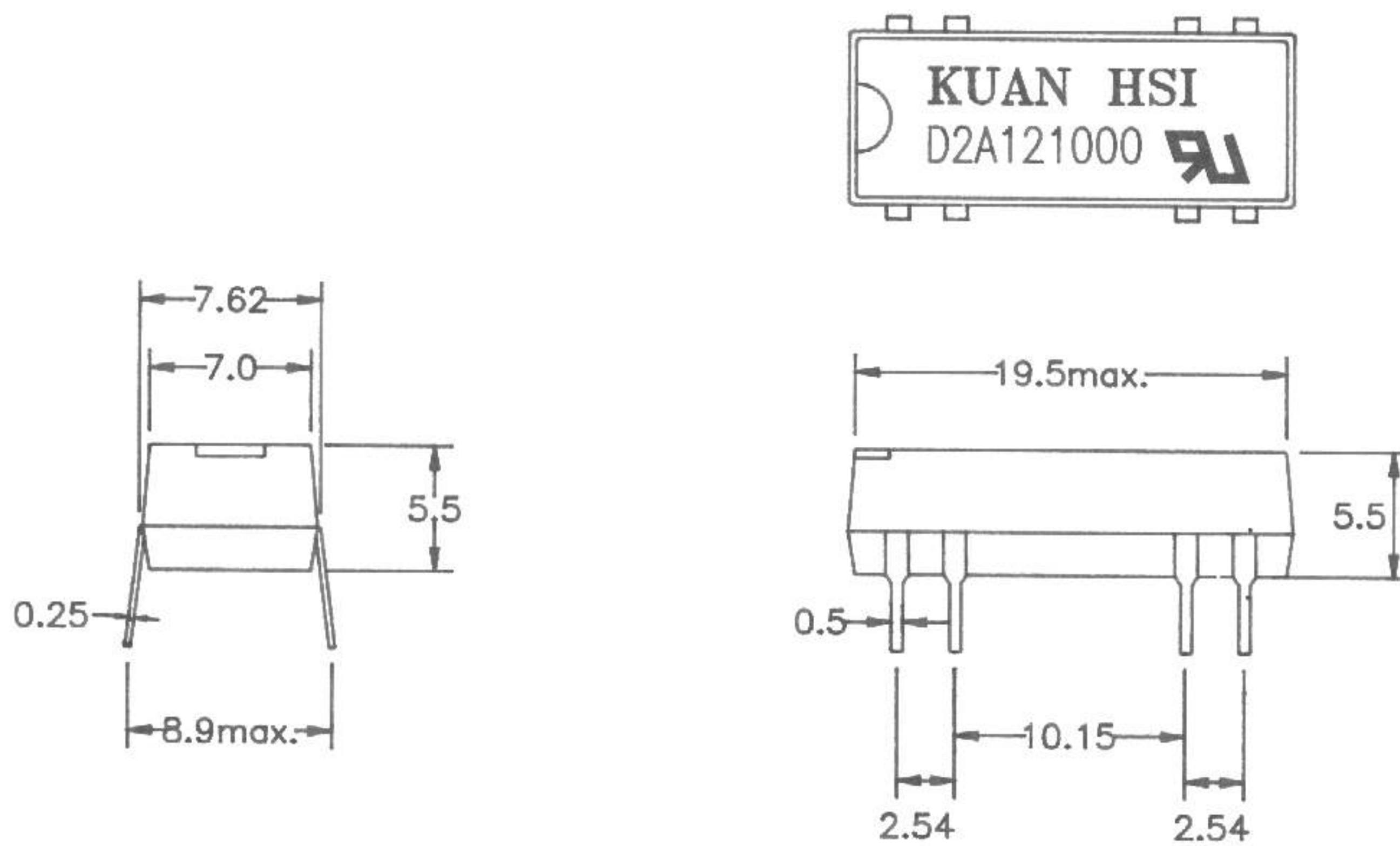


PRODUCT SPECIFICATION

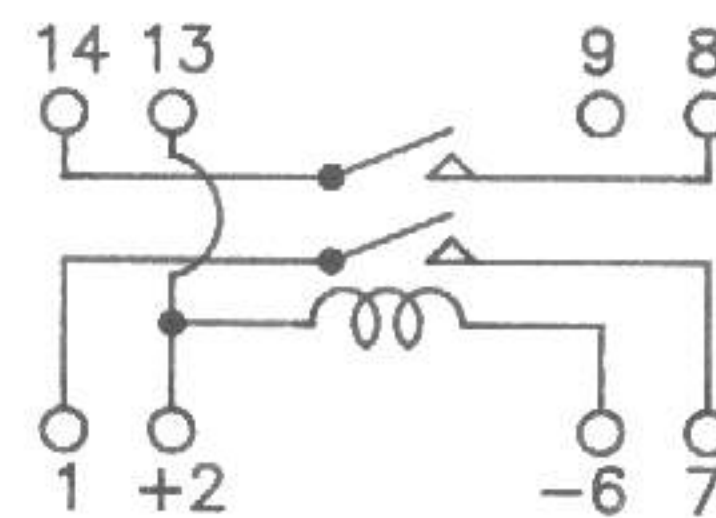
DATE: /05/04/93'

| | | | |
|--|---------------------------|--------------|------|
| KUAN HSI ELECTRONIC CO.,LTD. | Reed Relay : D2A121000 | NO. 50R02014 | REV. |
| | | SHEET 1 OF 2 | / |

1. OUTSIDE DIMENSION : UNIT (mm)



2. SCHEMATIC : TOP VIEW



| | | |
|--------------------------------------|--|--|
| ISSUE <i>SAM YIIN</i> 5-4-1993 | CHECK <i>David Wang</i> 5-4-1993 | APPROVED <i>EOJENG Wang</i> 5-5-1993 |
|--------------------------------------|--|--|

PRODUCT SPECIFICATION

DATE: 05/04/93'

| | | | |
|--|---------------------------|------------------------------|-----------|
| KUAN HSI ELECTRONIC CO.,LTD. | Reed Relay : D2A121000 | NO. 50R02014 SHEET 2 OF 2 | REV. / |
|--|---------------------------|------------------------------|-----------|

3.0 COIL RATINGS: (AT 20°C)

| | | | |
|-----|----------------------------|-----|-----------------------|
| 3.1 | Coil resistance | 500 | ($\Omega \pm 10\%$) |
| 3.2 | Nominal coil voltage | 12 | (VDC) |
| 3.3 | Maximun Continuous voltage | 20 | (VDC) |
| 3.4 | Must operate | 9 | (VDC) |
| 3.5 | Must release | 1.2 | (VDC) |
| 3.6 | Rated current | 24 | (mA) |

4.0 ELECTRONICAL CHARACTERISTICS :

| | | | |
|------|--|------------------|------------------|
| 4.1 | Contact resistance | 100 | (m Ω max) |
| 4.2 | Operate time | 0.5 | (mS max) |
| 4.3 | Bounce time | 0.5 | (mS max) |
| 4.4 | Release time | 0.2 | (mS max) |
| 4.5 | Insulation resistance (100 VDC open contact) | 10 ¹¹ | (Ω min) |
| 4.6 | Power | 10 | (VA max) |
| 4.7 | Switching voltage | 200 | (VDC max) |
| 4.8 | Switching current | 0.5 | (A max) |
| 4.9 | Carry current | 1.0 | (A max) |
| 4.10 | Breakdown voltage (across open contact) | 250 | (VDC min) |
| | (between coil & contact) | 500 | (VDC min) |
| 4.11 | Life expectancy (signal level) | 10 ⁸ | |
| 4.12 | Operating temp. | -40 | to 85°C |
| 4.13 | Storage temp. | -50 | to 125°C |
| 4.14 | Resonant frequency | 3.5 | (KHZ) |
| 4.15 | Vibration (10 - 2000 HZ) | 20 | (g max) |
| 4.16 | Minimun permissible load | 100mVDC X 10uA | |

| | | |
|--|--|--|
| ISSUE <i>SAM YIIN.</i> <small>5-4-1993</small> | CHECK <i>David Wang 74</i> <small>5-4-1993</small> | APPROVED <i>EUGENE Hwang</i> <small>5-5-1993</small> |
|--|--|--|